Quantitation Report (Qedit)

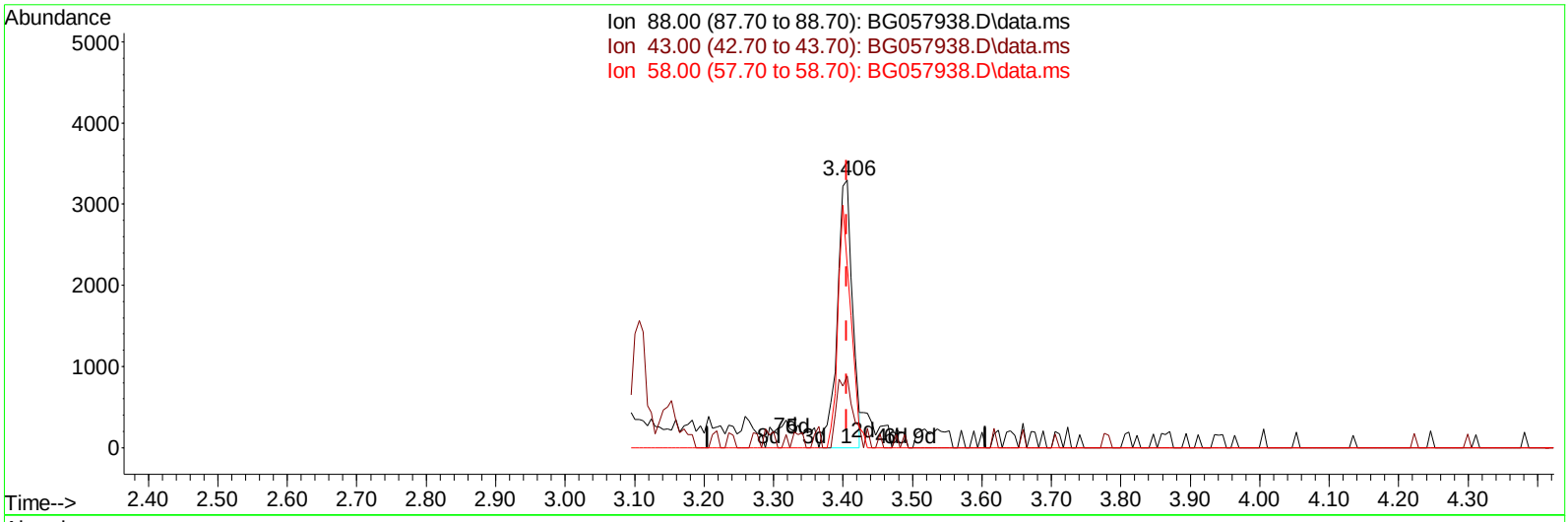
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
Data File : BG057938.D
Acq On : 1 Jul 2023 11:51
Operator : CG/JU
Sample : SSTD01087
Misc :
ALS Vial : 3 Sample Multiplier: 1

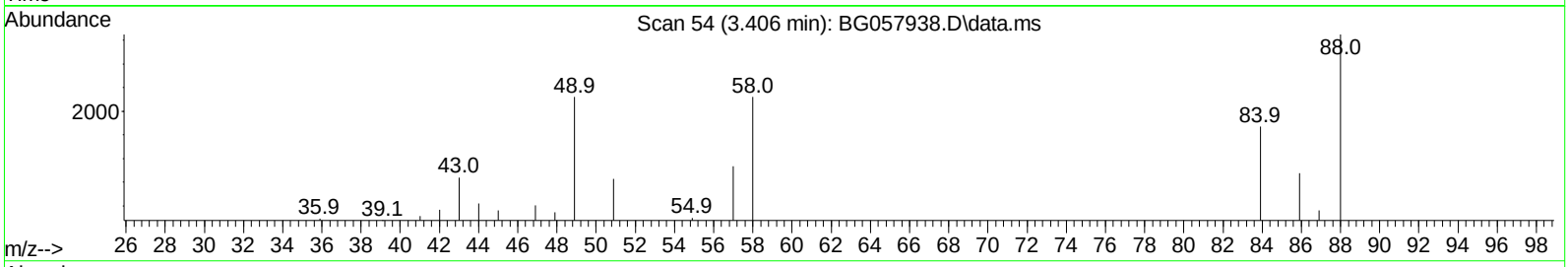
Quant Time: Jul 02 07:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:09:00 2023
Response via : Initial Calibration

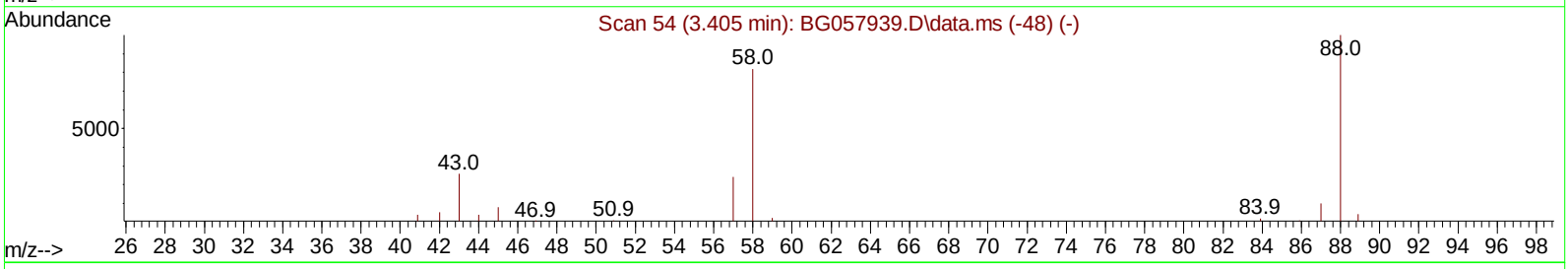
Instrument :
BNA_G
ClientSampleId :
SSTD010436

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023







TIC: BG057938.D\data.ms

(2) 1,4-Dioxane

3.406min (+ 0.001) 3.81 ng/uL

response 5054

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.70	26.76
58.00	81.90	67.93
0.00	0.00	0.00

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Misc :
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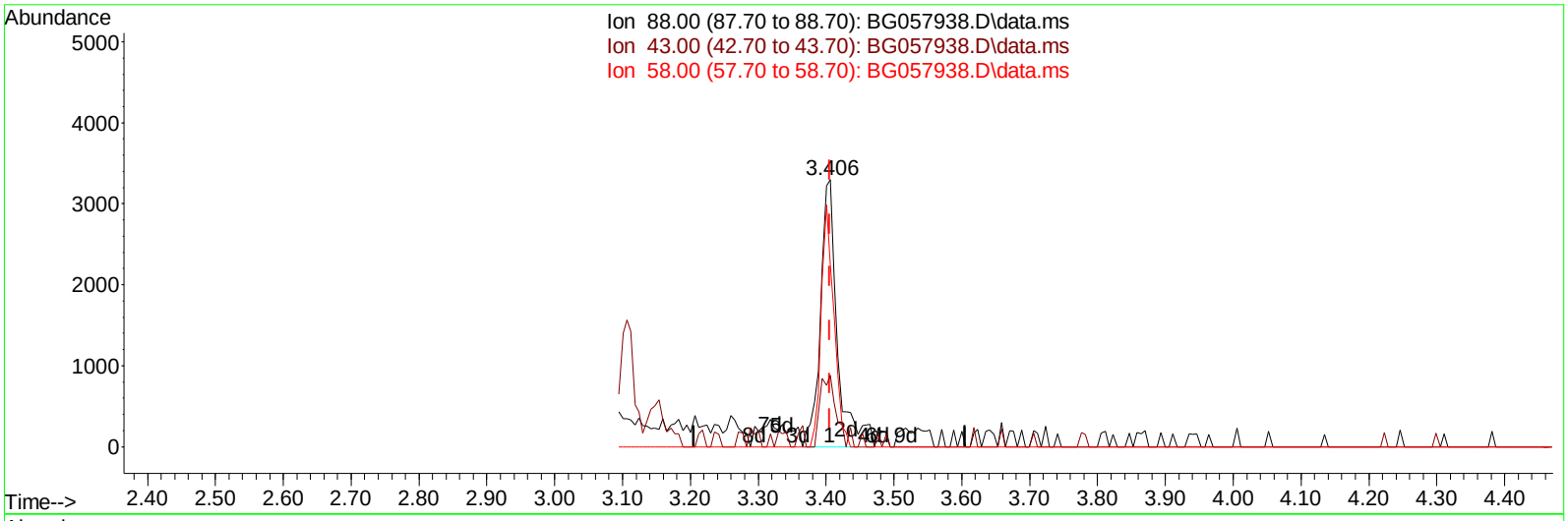

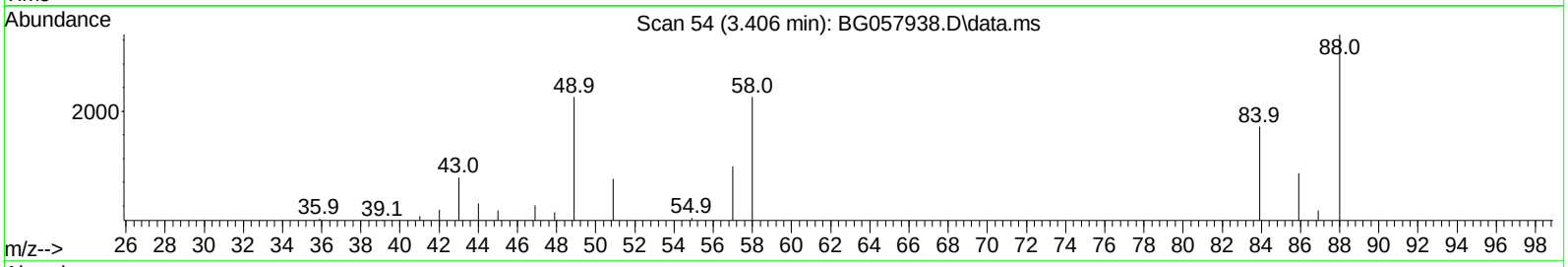

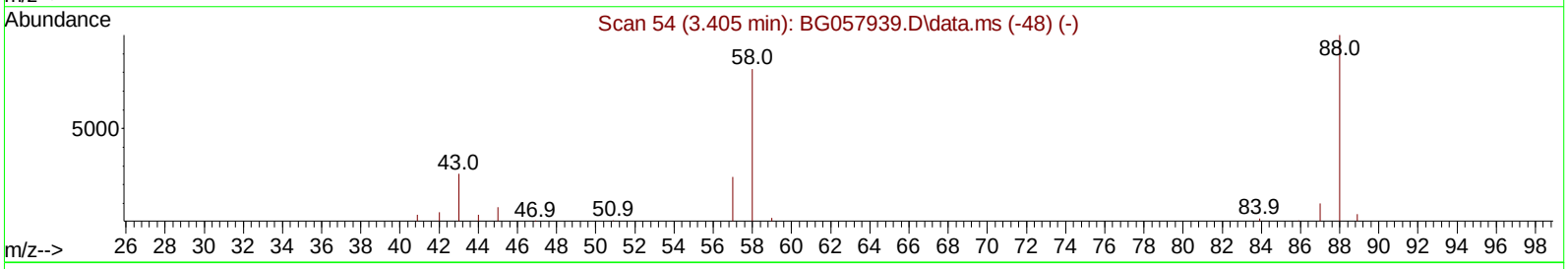

TIC: BG057938.D\data.ms

(2) 1,4-Dioxane

3.406min (+ 0.001) 4.37 ng/uL m

response 5801

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.70	26.76
58.00	81.90	67.93
0.00	0.00	0.00

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Misc :
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Instrument :
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ClientSampleId :
SSTD010436

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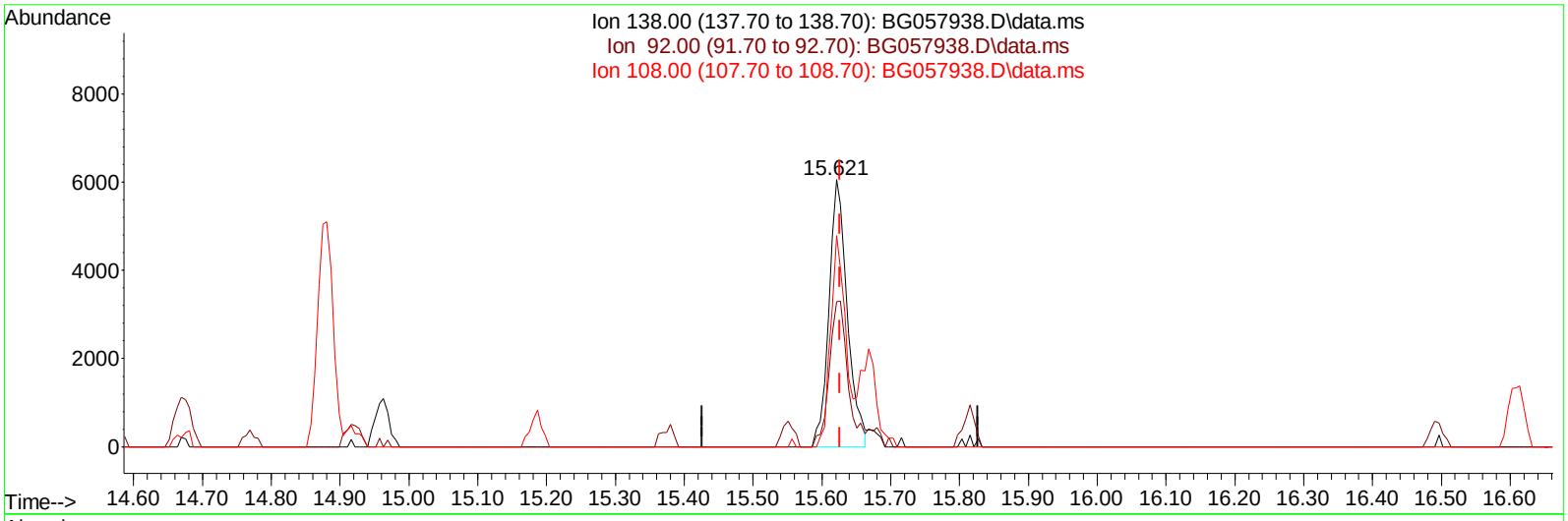

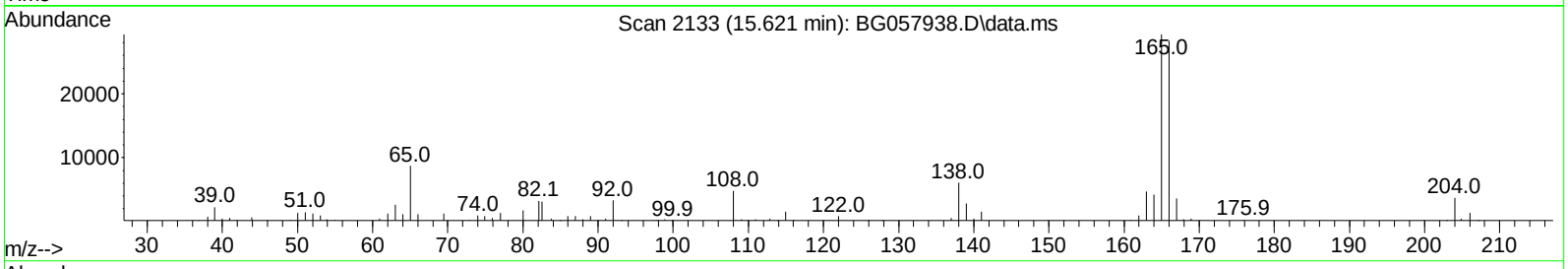

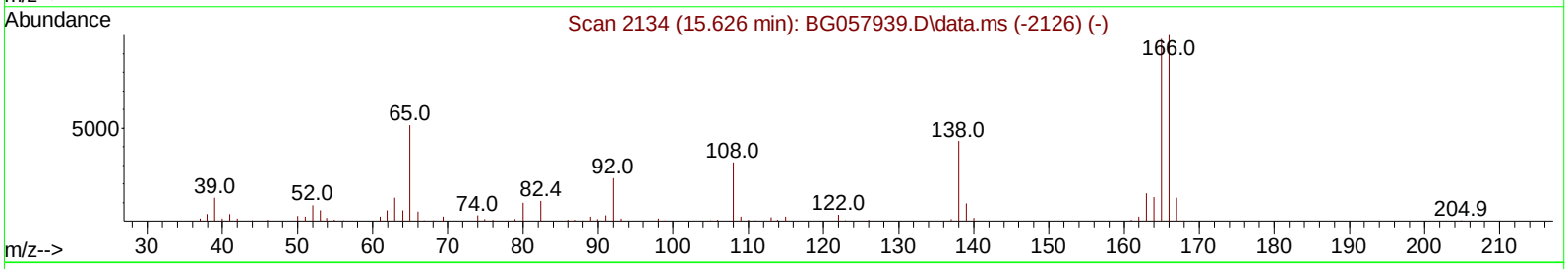

TIC: BG057938.D\data.ms

(63) 4-Nitroaniline

15.621min (-0.005) 7.59 ng/ul

response 11183

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.80	54.28
108.00	73.50	79.01
0.00	0.00	0.00

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010436

Manual IntegrationsAPPROVED

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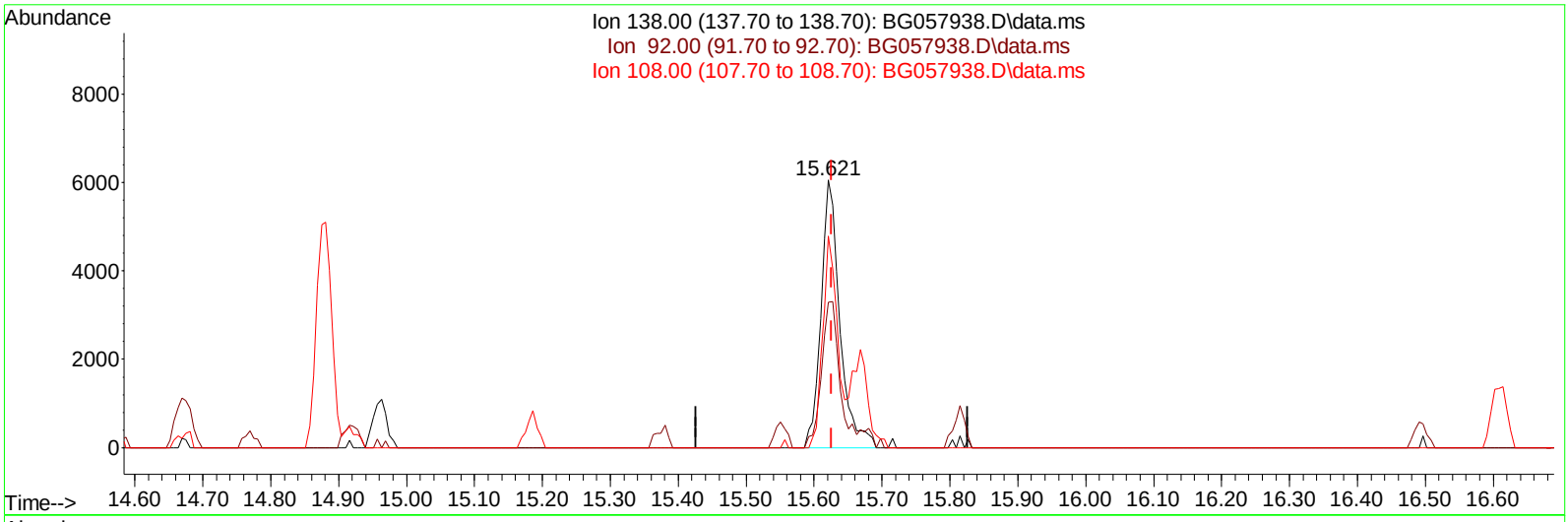

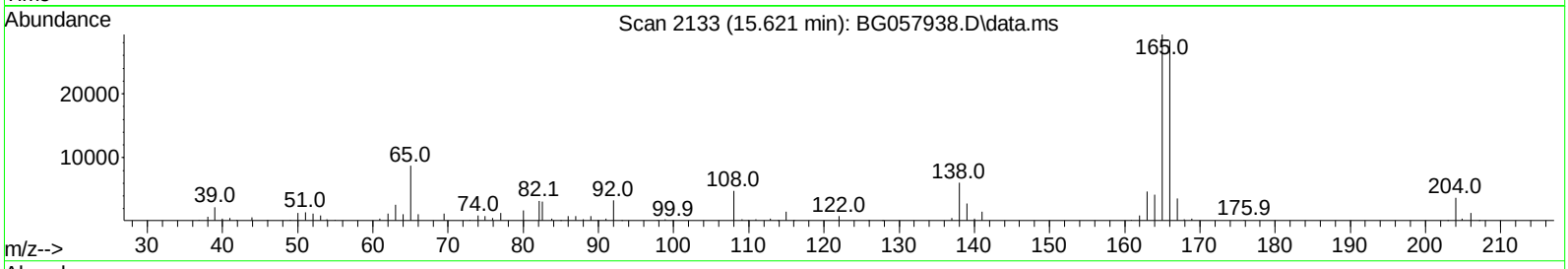

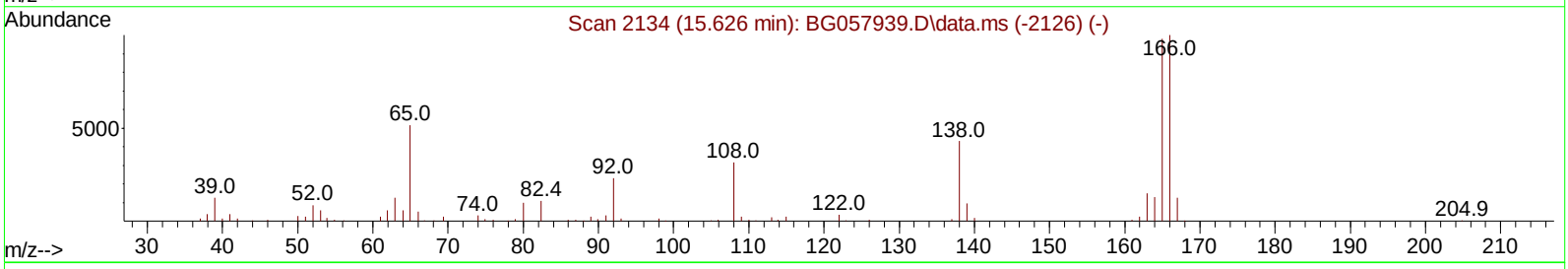

TIC: BG057938.D\data.ms

(63) 4-Nitroaniline

15.621min (-0.005) 7.89 ng/ul m

response 11634

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.80	54.28
108.00	73.50	79.01
0.00	0.00	0.00

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Operator : CG/JU
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Quant Time: Jul 02 07:35:16 2023
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SSTD010436

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	37636	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	171507	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.564	164	120391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	306049	20.000	ng/ul	0.00
79) Chrysene-d12	21.561	240	282764	20.000	ng/ul	0.00
88) Perylene-d12	24.716	264	328936	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	4466	4.155	ng/uL	0.00
4) Pyridine-d5	3.776	84	31975	9.799	ng/ul	0.00
7) Phenol-d5	7.090	99	36676	9.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	23116	9.980	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	25652	9.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.635	113	28144	9.704	ng/ul	0.00
21) Nitrobenzene-d5	9.088	128	13378	9.570	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	13832	9.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	27092	9.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.868	131	43691	10.225	ng/ul	0.00
46) Dimethylphthalate-d6	13.970	166	97952	10.312	ng/ul	0.00
49) Acenaphthylene-d8	14.258	160	105032	10.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	15326	9.132	ng/ul	0.00
60) Fluorene-d10	15.557	176	82076	10.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	13907	8.368	ng/ul	0.00
73) Anthracene-d10	17.401	188	145906	10.274	ng/ul	0.00
81) Pyrene-d10	19.693	212	177053	9.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.493	264	166347	9.926	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	5801m	4.369	ng/uL	
5) Pyridine	3.794	79	32681	9.775	ng/ul	99
6) Benzaldehyde	7.066	77	9425	7.343	ng/ul	94
8) Phenol	7.119	94	37163	9.528	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.348	93	30089	9.991	ng/ul	99
12) 2-Chlorophenol	7.495	128	27333	9.908	ng/ul	97
13) 2-Methylphenol	8.371	108	28670	9.359	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.453	45	46015	9.926	ng/ul	96
16) Acetophenone	8.747	105	48252	10.028	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.729	70	25686	9.986	ng/ul#	96
18) 4-Methylphenol	8.700	108	31675	9.563	ng/ul	93
19) Hexachloroethane	9.011	117	10219	9.663	ng/ul	93
22) Nitrobenzene	9.129	77	35768	9.857	ng/ul	99
23) Isophorone	9.652	82	76399	9.867	ng/ul	98
25) 2-Nitrophenol	9.846	139	14733	9.346	ng/ul	97
26) 2,4-Dimethylphenol	9.898	107	34578	9.754	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.139	93	42916	9.836	ng/ul	97
29) 2,4-Dichlorophenol	10.380	162	26175	9.552	ng/ul#	89
30) Naphthalene	10.786	128	96662	10.029	ng/ul	99
32) 4-Chloroaniline	10.891	127	46206	10.576	ng/ul	99
33) Hexachlorobutadiene	11.068	225	19695	10.152	ng/ul	96
34) Caprolactam	11.638	113	10995	10.037	ng/ul	90
35) 4-Chloro-3-methylphenol	12.014	107	32243	9.579	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.390	142	63569	9.784	ng/ul	95
37) 1-Methylnaphthalene	12.613	142	64767	9.941	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.760	216	36742	10.015	ng/ul	98
40) Hexachlorocyclopentadiene	12.736	237	19491	8.434	ng/ul	97
41) 2,4,6-Trichlorophenol	12.995	196	24041	9.668	ng/ul	97
42) 2,4,5-Trichlorophenol	13.071	196	25938	9.645	ng/ul	98
43) 1,1'-Biphenyl	13.400	154	88822	10.238	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	70840	10.174	ng/ul	100
45) 2-Nitroaniline	13.641	65	23099	9.541	ng/ul	98
47) Dimethylphthalate	14.011	163	96728	10.136	ng/ul	99
48) 2,6-Dinitrotoluene	14.135	165	19015	9.707	ng/ul	92
50) Acenaphthylene	14.287	152	114416	10.222	ng/ul	98
51) 3-Nitroaniline	14.464	138	15204	9.184	ng/ul	95
52) Acenaphthene	14.628	153	77886	10.140	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	6520	6.384	ng/ul	94
55) 4-Nitrophenol	14.769	109	11354	9.133	ng/ul	87
56) Dibenzofuran	14.963	168	110659	10.135	ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	27245	9.816	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.186	232	23364	9.544	ng/ul#	96
59) Diethylphthalate	15.374	149	103066	10.347	ng/ul	100
61) Fluorene	15.609	166	93684	10.457	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	48789	10.292	ng/ul	97
63) 4-Nitroaniline	15.621	138	11634m	7.893	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.680	198	13664	8.040	ng/ul#	98
67) N-Nitrosodiphenylamine	15.815	169	80383	9.869	ng/ul	99
68) 4-Bromophenyl-phenylether	16.497	248	32804	9.765	ng/ul	96
69) Hexachlorobenzene	16.608	284	36231	9.633	ng/ul	93
70) Atrazine	16.761	200	35429	10.637	ng/ul	93
71) Pentachlorophenol	16.955	266	19302	8.548	ng/ul	91
72) Phenanthrene	17.349	178	157527	10.119	ng/ul	99
74) Anthracene	17.437	178	161738	10.267	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.359	216	38417	9.465	ng/uL	93
76) Pentachlorobenzene	14.881	250	41029	9.465	ng/uL	99
77) Carbazole	17.707	167	153584	10.779	ng/ul	98
78) Di-n-butylphthalate	18.265	149	192595	10.612	ng/ul	99
80) Fluoranthene	19.358	202	202513	9.814	ng/ul	98
82) Pyrene	19.722	202	207842	10.006	ng/ul	99
83) Butylbenzylphthalate	20.609	149	81857	9.718	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.455	252	71245	10.408	ng/ul	98
85) Benzo(a)anthracene	21.538	228	204152	10.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	120131	9.952	ng/ul	96
87) Chrysene	21.602	228	189861	9.976	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	210145	10.398	ng/ul	100
90) Benzo(b)fluoranthene	23.706	252	202381	9.937	ng/ul	99
91) Benzo(k)fluoranthene	23.776	252	197701	9.903	ng/ul	99
93) Benzo(a)pyrene	24.564	252	181107	10.047	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.300	276	234538	9.798	ng/ul	100
95) Dibenzo(a,h)anthracene	28.359	278	197620	10.011	ng/ul	98
96) Benzo(g,h,i)perylene	29.428	276	191276	9.783	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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