Quantitation Report (Qedit)

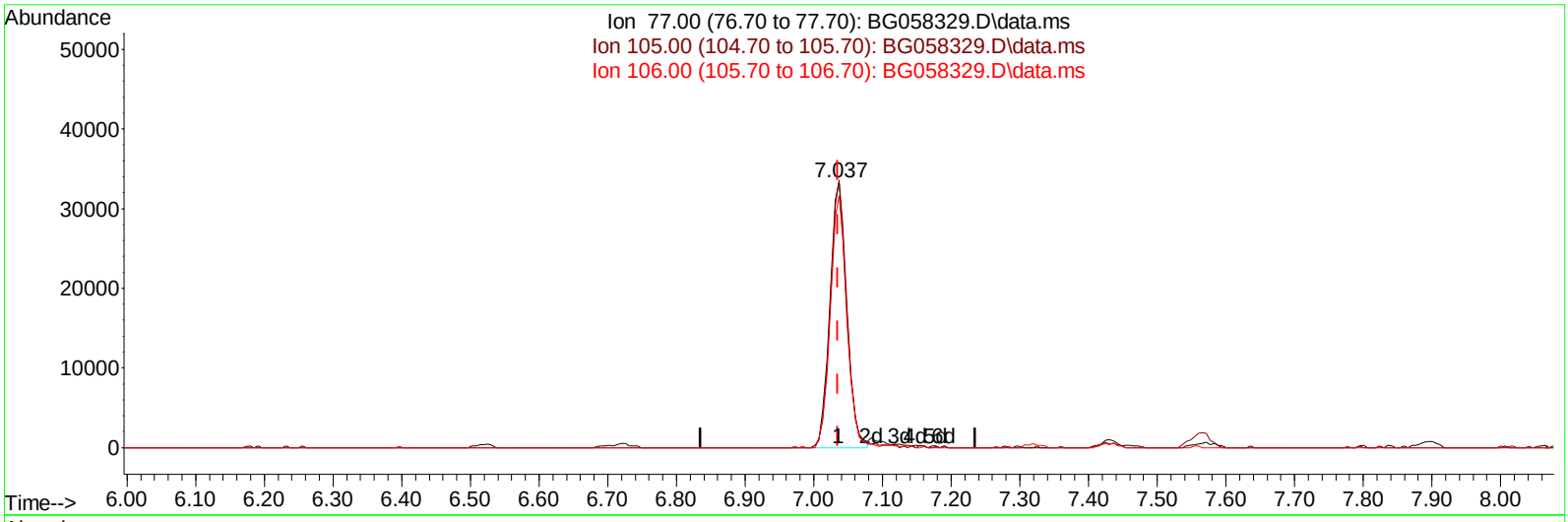
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058329.D
Acq On : 19 Jul 2023 15:08
Operator : CG/JU
Sample : 03501-17MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

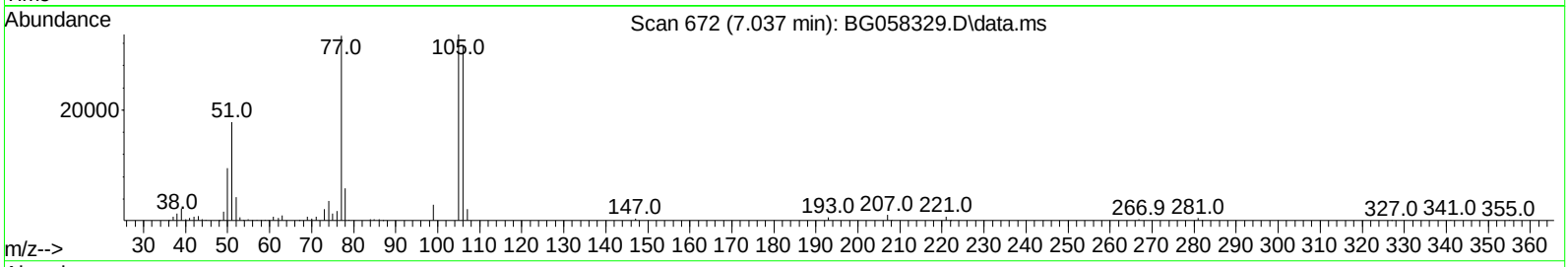
Quant Time: Jul 19 22:36:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

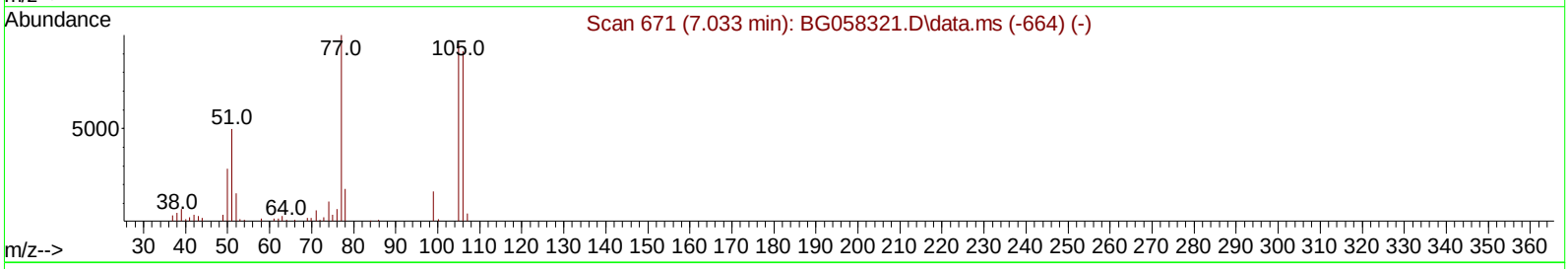
Instrument :
BNA_G
ClientSampleId :
A46X7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023







TIC: BG058329.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 38.95 ng/ul

response 56477

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	100.65
106.00	89.50	94.75
0.00	0.00	0.00

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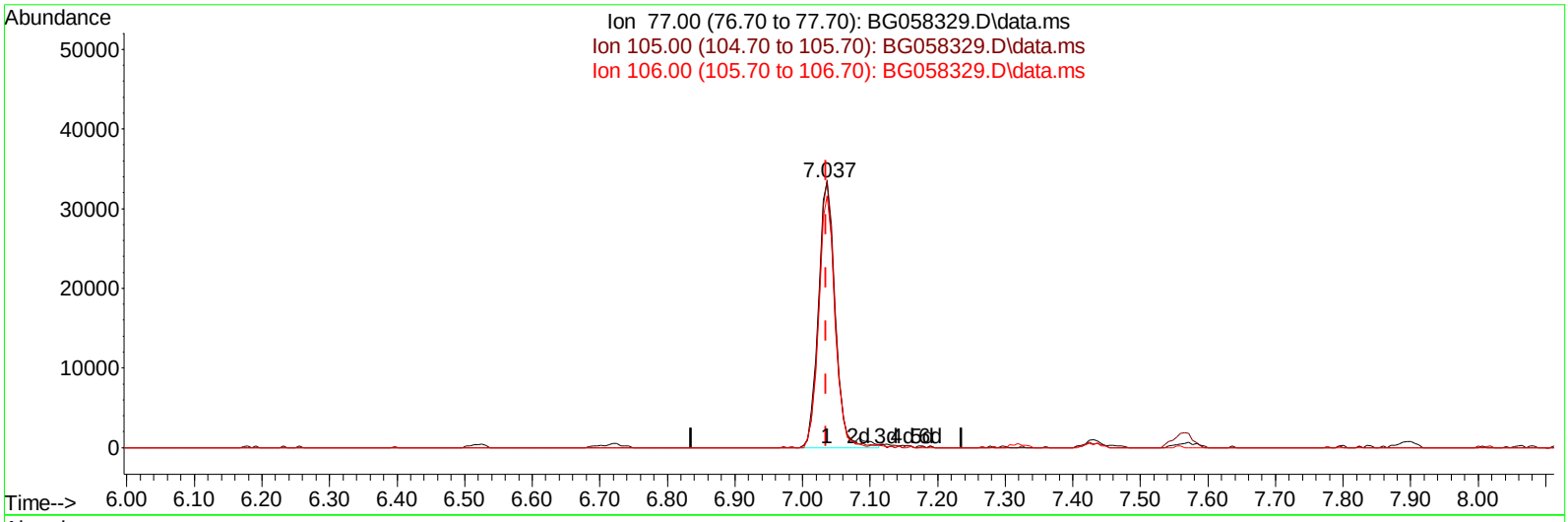

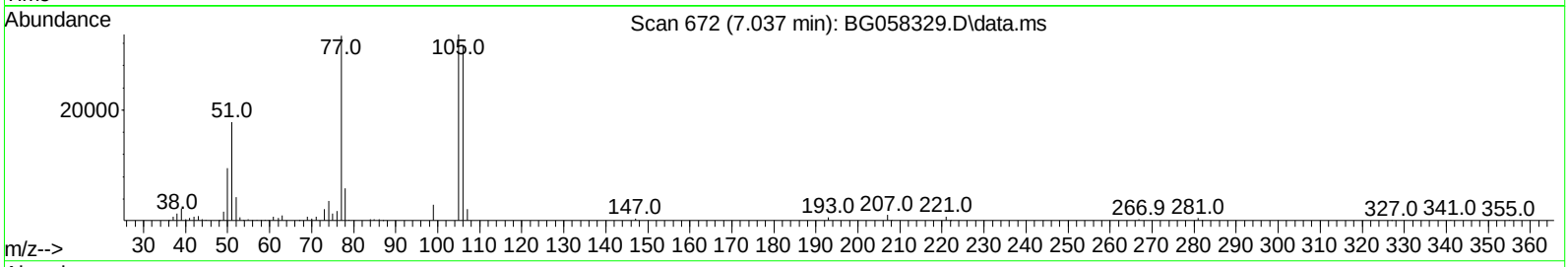

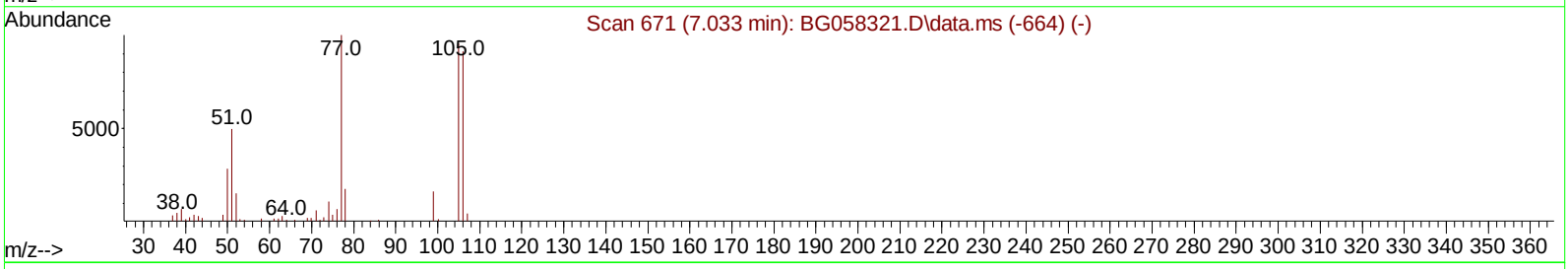

TIC: BG058329.D\data.ms

(6) Benzaldehyde

7.037min (+ 0.002) 40.00 ng/ul m

response 58001

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	100.65
106.00	89.50	94.75
0.00	0.00	0.00

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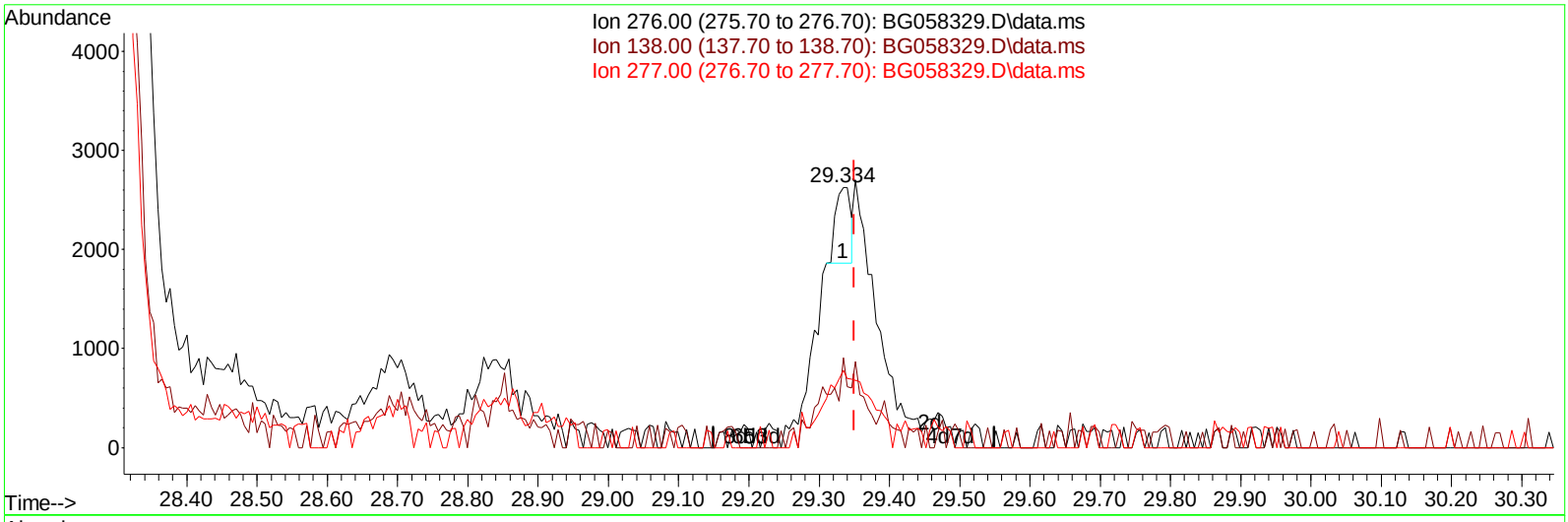

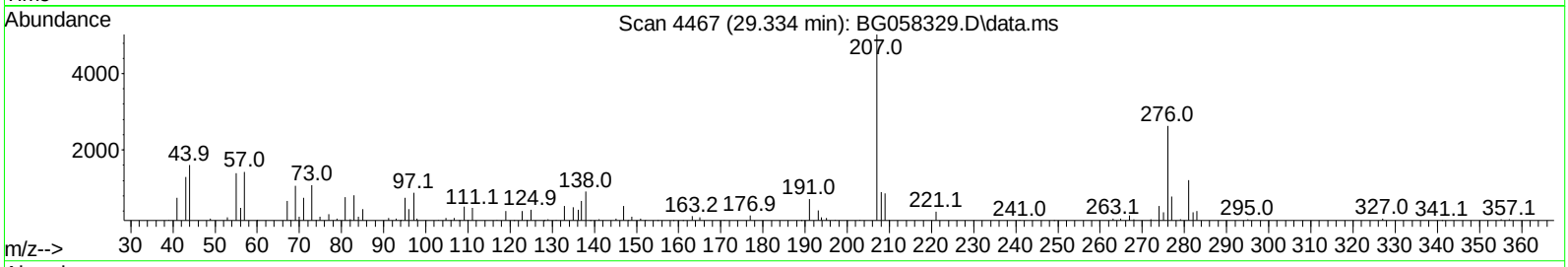

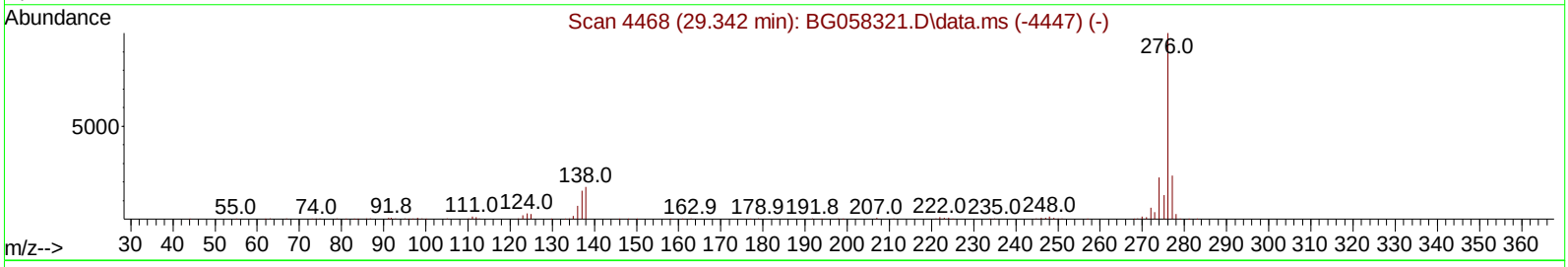

TIC: BG058329.D\data.ms

(96) Benzo(g,h,i)perylene

29.334min (-0.016) 0.07 ng/ul

response 1110

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.90	34.46#
277.00	24.30	29.74#
0.00	0.00	0.00

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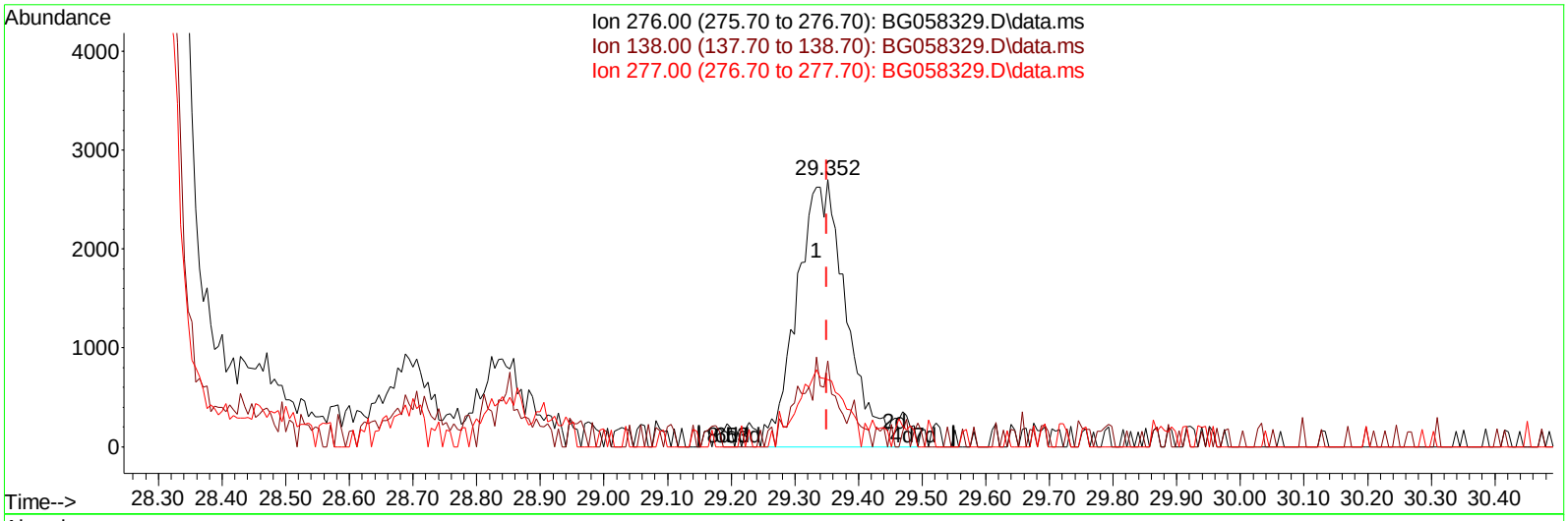

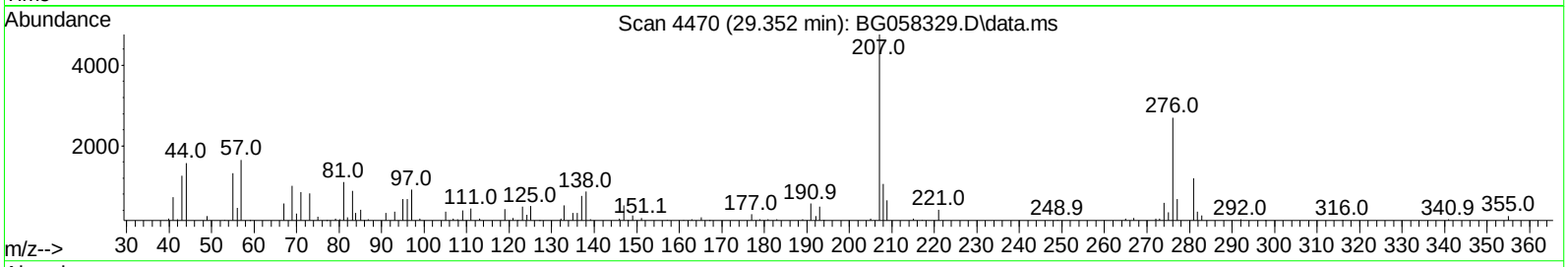

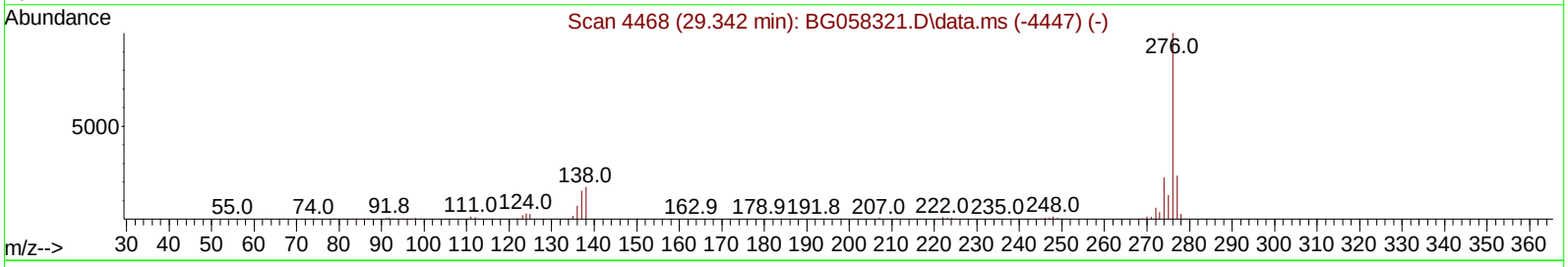

TIC: BG058329.D\data.ms

(96) Benzo(g,h,i)perylene

29.352min (+ 0.002) 0.93 ng/ul m

response 15078

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.90	32.19#
277.00	24.30	25.11
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	37848	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	180391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	131600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	318011	20.000	ng/ul	0.00
79) Chrysene-d12	21.532	240	239745	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	294014	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	3098	3.013	ng/uL	0.00
4) Pyridine-d5	3.746	84	35969	11.785	ng/ul	0.00
7) Phenol-d5	7.060	99	71702	19.971	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	43617	19.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	51171	20.360	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	45837	16.737	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	26993	19.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	30287	20.518	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	60295	21.308	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	29104	7.095	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	196277	19.341	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	217580	20.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	27866	18.182	ng/ul	0.00
60) Fluorene-d10	15.527	176	179217	21.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28569	17.633	ng/ul	0.00
73) Anthracene-d10	17.378	188	243577	17.726	ng/ul	0.00
81) Pyrene-d10	19.669	212	231359	16.339	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.446	264	150208	10.570	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	10559	9.053	ng/uL#	83
5) Pyridine	3.776	79	7602	2.358	ng/ul#	72
6) Benzaldehyde	7.037	77	58001m	40.001	ng/ul	
8) Phenol	7.090	94	90159	24.181	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.319	93	62238	21.789	ng/ul	99
12) 2-Chlorophenol	7.460	128	59216	22.509	ng/ul	98
13) 2-Methylphenol	8.341	108	52591	18.097	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.423	45	105311	22.498	ng/ul#	95
16) Acetophenone	8.717	105	118354	25.377	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.694	70	63024	24.690	ng/ul	95
18) 4-Methylphenol	8.664	108	65674	20.795	ng/ul	99
19) Hexachloroethane	8.976	117	13995	13.496	ng/ul	96
22) Nitrobenzene	9.099	77	76617	21.248	ng/ul	99
23) Isophorone	9.616	82	160986	19.914	ng/ul	99
25) 2-Nitrophenol	9.810	139	36446	23.115	ng/ul	93
26) 2,4-Dimethylphenol	9.869	107	9331	2.654	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.104	93	89738	20.960	ng/ul	97
29) 2,4-Dichlorophenol	10.345	162	64383	23.972	ng/ul	95
30) Naphthalene	10.750	128	222114	23.036	ng/ul	99
32) 4-Chloroaniline	10.862	127	35874	8.556	ng/ul	98
33) Hexachlorobutadiene	11.026	225	42253	22.001	ng/ul	95
34) Caprolactam	11.614	113	18720	16.781	ng/ul	90
35) 4-Chloro-3-methylphenol	11.984	107	67356	19.706	ng/ul	94

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A46X7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	156055	24.157	ng/ul	98
37) 1-Methylnaphthalene	12.577	142	157296	23.758	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	81237	21.324	ng/ul	99
40) Hexachlorocyclopentadiene	12.701	237	30370	14.822	ng/ul	99
41) 2,4,6-Trichlorophenol	12.965	196	60079	23.297	ng/ul	99
42) 2,4,5-Trichlorophenol	13.041	196	64452	23.437	ng/ul	97
43) 1,1'-Biphenyl	13.365	154	209941	23.592	ng/ul	100
44) 2-Chloronaphthalene	13.412	162	165808	23.435	ng/ul	98
45) 2-Nitroaniline	13.617	65	56737	23.086	ng/ul	95
47) Dimethylphthalate	13.987	163	222325	21.811	ng/ul	99
48) 2,6-Dinitrotoluene	14.111	165	45746	23.224	ng/ul	95
50) Acenaphthylene	14.258	152	262329	22.852	ng/ul	98
51) 3-Nitroaniline	14.440	138	28099	17.118	ng/ul	88
52) Acenaphthene	14.598	153	208100	26.110	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	17842	17.020	ng/ul#	1
55) 4-Nitrophenol	14.751	109	23142	19.607	ng/ul	95
56) Dibenzofuran	14.933	168	280000	24.672	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	66300	23.337	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.163	232	55337	21.780	ng/ul#	98
59) Diethylphthalate	15.351	149	231569	22.052	ng/ul	100
61) Fluorene	15.580	166	239843	25.771	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.574	204	114808	23.237	ng/ul	97
63) 4-Nitroaniline	15.609	138	29436	19.818	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.668	198	33427	20.053	ng/ul#	99
67) N-Nitrosodiphenylamine	15.785	169	146549	18.591	ng/ul	100
68) 4-Bromophenyl-phenylether	16.467	248	75687	22.470	ng/ul	98
69) Hexachlorobenzene	16.584	284	52059	13.697	ng/ul	96
70) Atrazine	16.737	200	69943	22.631	ng/ul	97
71) Pentachlorophenol	16.931	266	33956	15.916	ng/ul	93
72) Phenanthrene	17.325	178	550725	36.441	ng/ul	98
74) Anthracene	17.413	178	350057	23.073	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.335	216	78216	19.608	ng/uL	98
76) Pentachlorobenzene	14.851	250	77590	17.788	ng/uL	97
77) Carbazole	17.683	167	242497	18.439	ng/ul	99
78) Di-n-butylphthalate	18.241	149	1829842	109.496	ng/ul	97
80) Fluoranthene	19.334	202	604463	37.262	ng/ul	99
82) Pyrene	19.698	202	424968	25.855	ng/ul	99
83) Butylbenzylphthalate	20.580	149	172304	26.622	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.432	252	46678	8.722	ng/ul#	95
85) Benzo(a)anthracene	21.514	228	468886	29.097	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	286128	31.081	ng/ul	98
87) Chrysene	21.578	228	451769	29.556	ng/ul	99
89) Di-n-octyl phthalate	22.589	149	420865	26.903	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	487986	28.686	ng/ul	99
91) Benzo(k)fluoranthene	23.735	252	427077	25.172	ng/ul	98
93) Benzo(a)pyrene	24.516	252	171114	11.309	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.224	276	328775	16.492	ng/ul	99
95) Dibenzo(a,h)anthracene	28.288	278	405487	24.805	ng/ul	99
96) Benzo(g,h,i)perylene	29.352	276	15078m	0.928	ng/ul	

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

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