Quantitation Report (Qedit)

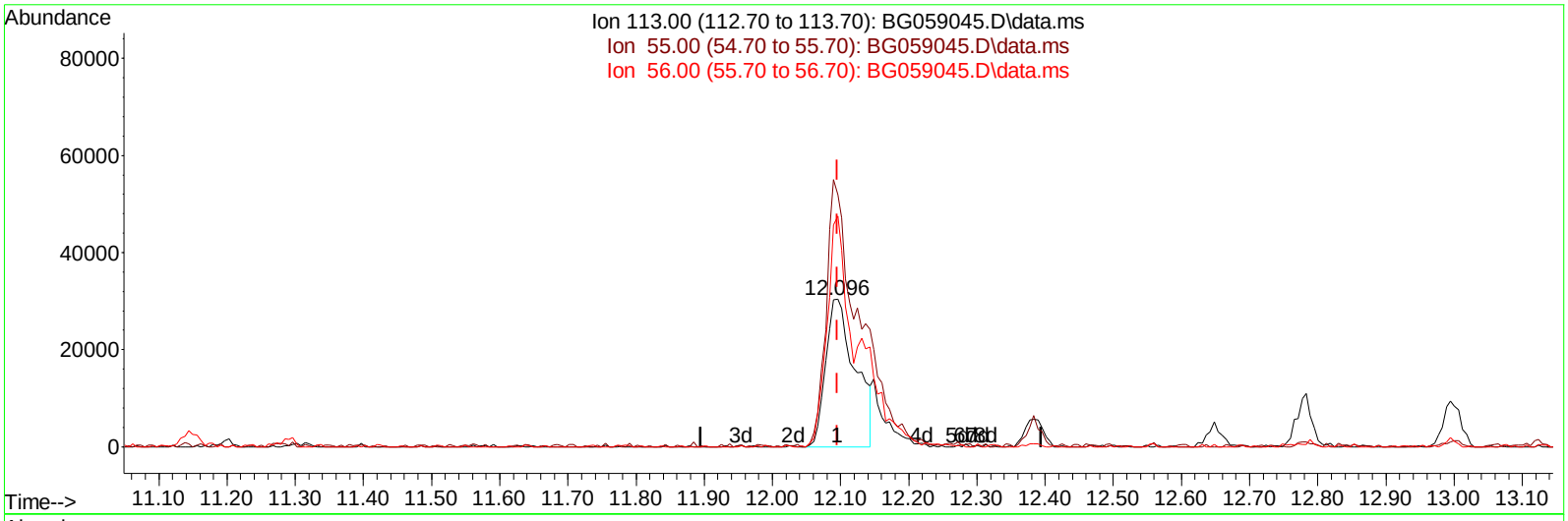
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059045.D
Acq On : 13 Sep 2023 18:02
Operator : MA/JU
Sample : PB155407BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

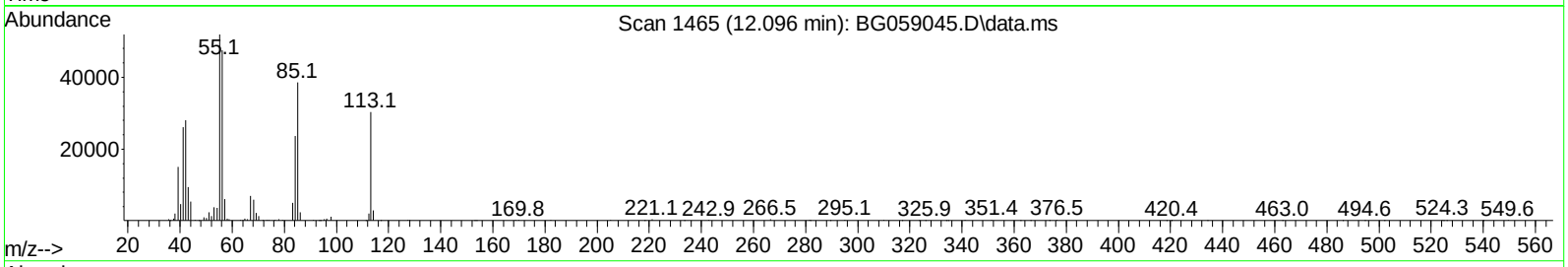
Quant Time: Sep 14 01:05:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

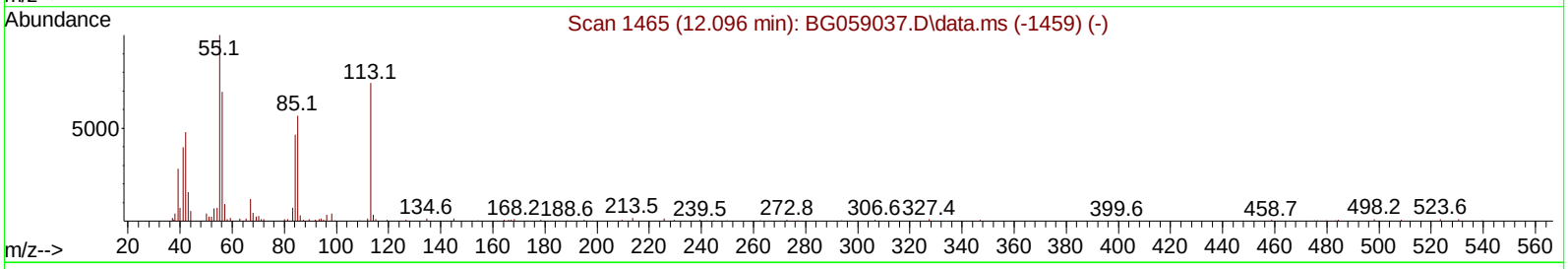
Instrument :
BNA_G
ClientSampleId :
SLCS407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023







TIC: BG059045.D\data.ms

(34) Caprolactam

12.096min (+ 0.001) 36.24 ng/ul

response 91381

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	171.14
56.00	113.00	156.69#
0.00	0.00	0.00

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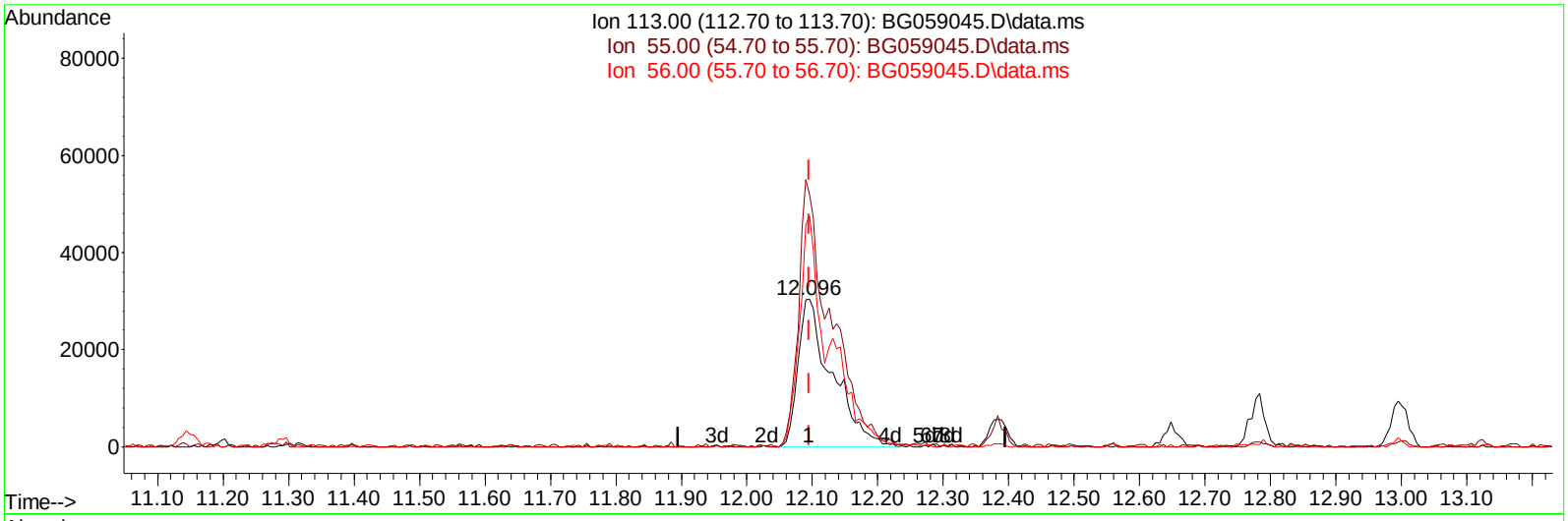

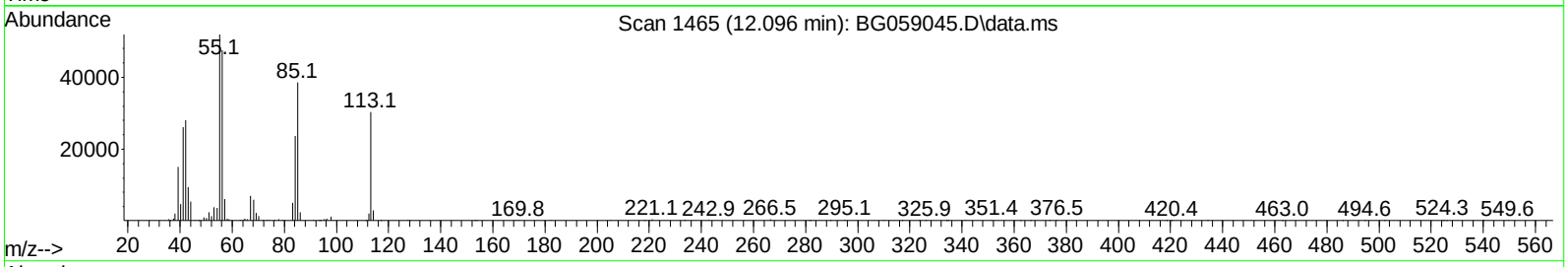

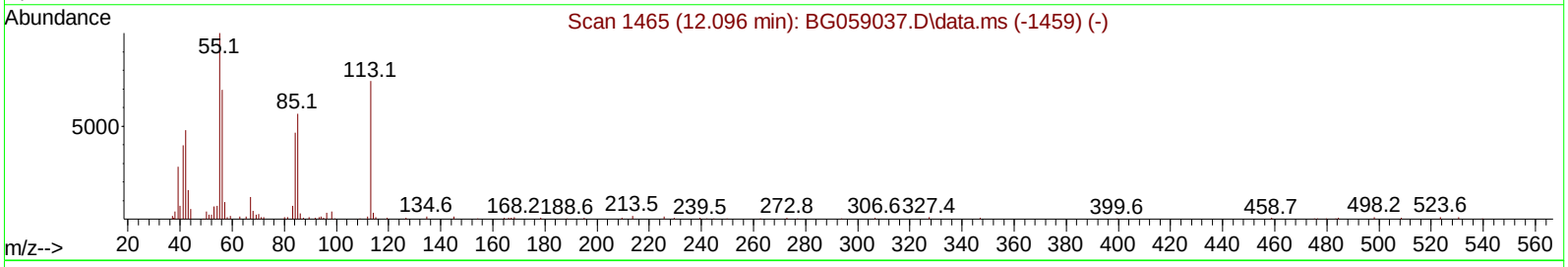

TIC: BG059045.D\data.ms

(34) Caprolactam

12.096min (+ 0.001) 43.58 ng/ul m

response 109879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	171.14
56.00	113.00	156.69#
0.00	0.00	0.00

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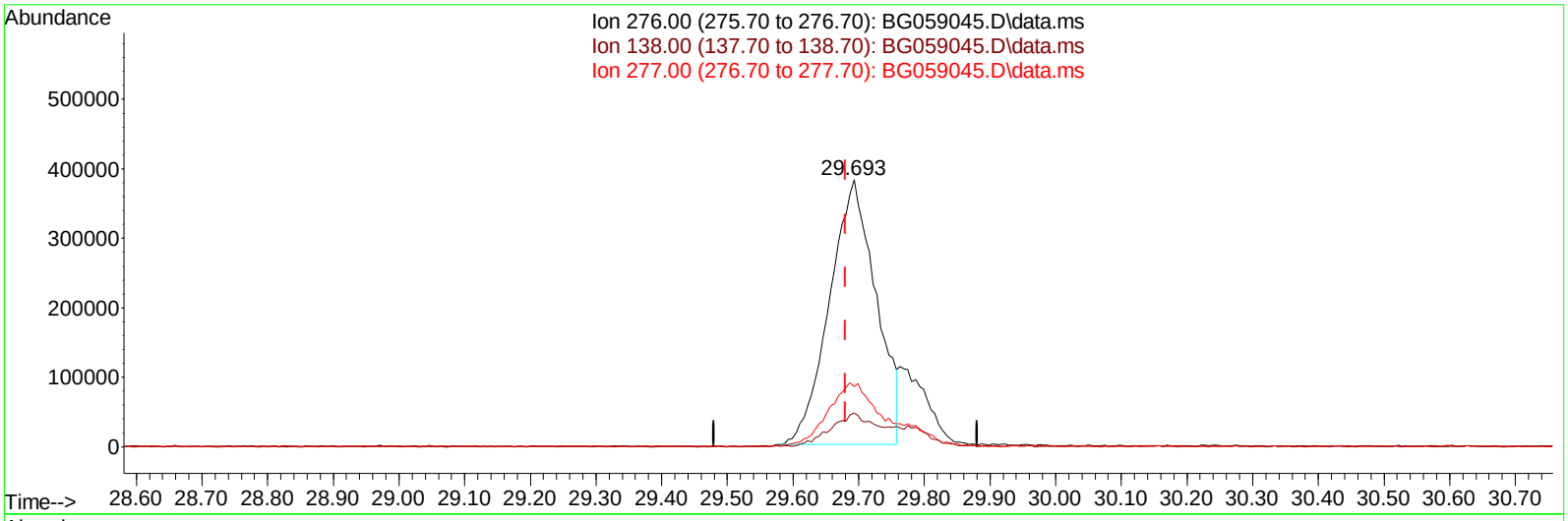

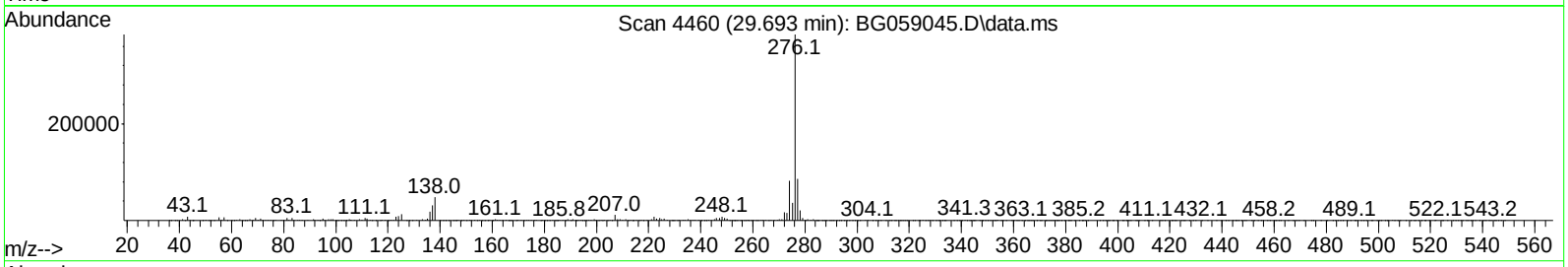

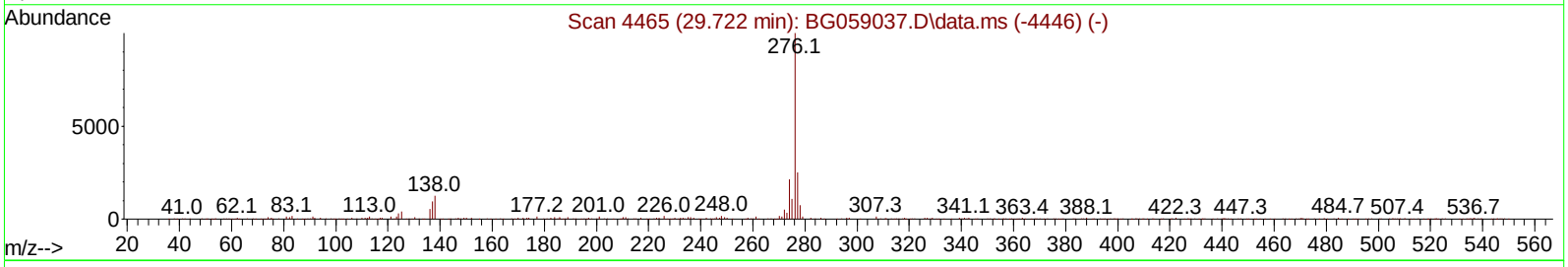

TIC: BG059045.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.693min (+ 0.012) 25.84 ng/ul

response 1870629

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.53
277.00	25.90	22.47
0.00	0.00	0.00

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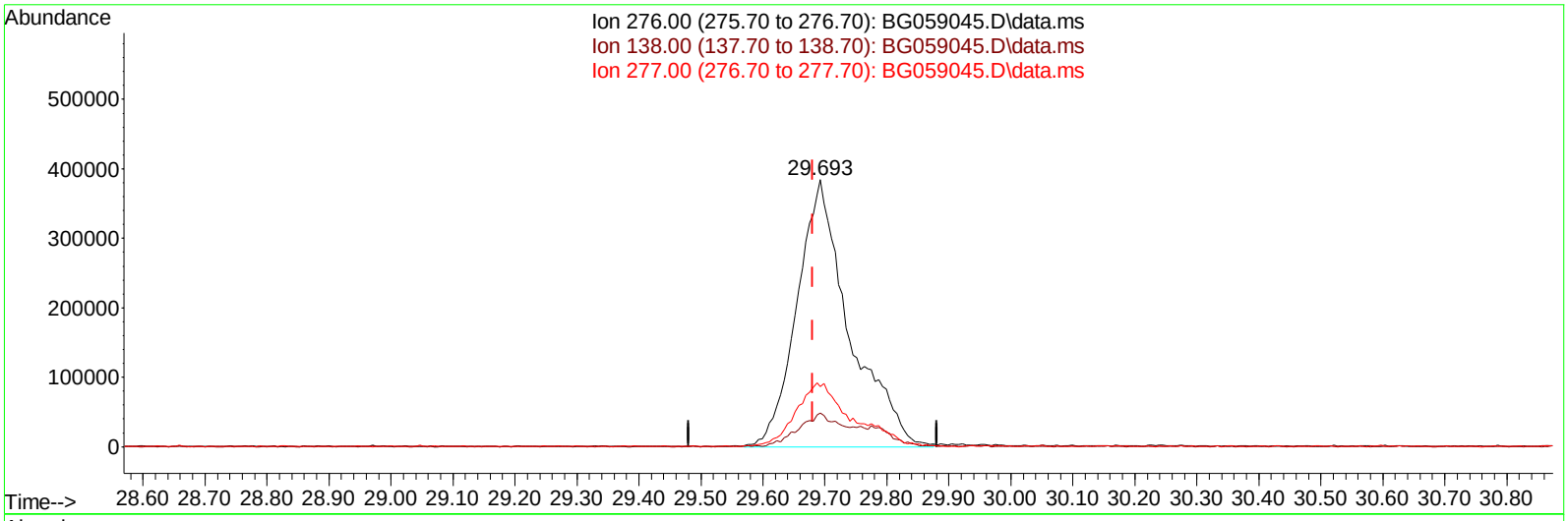

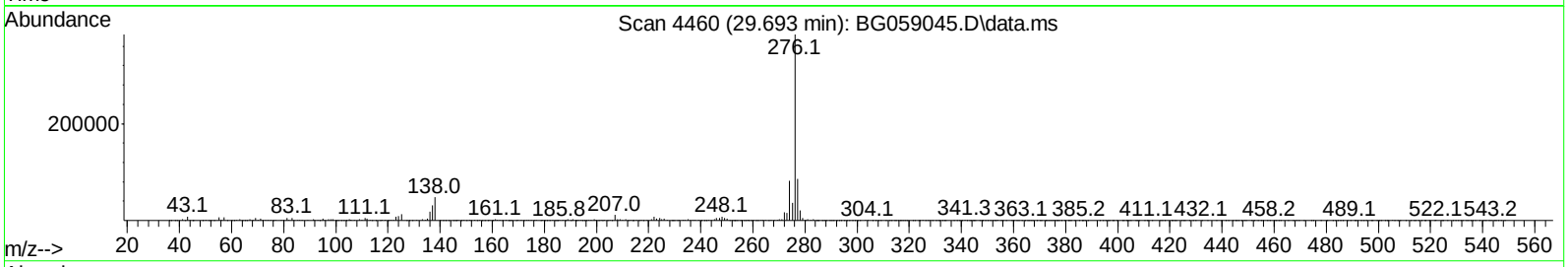

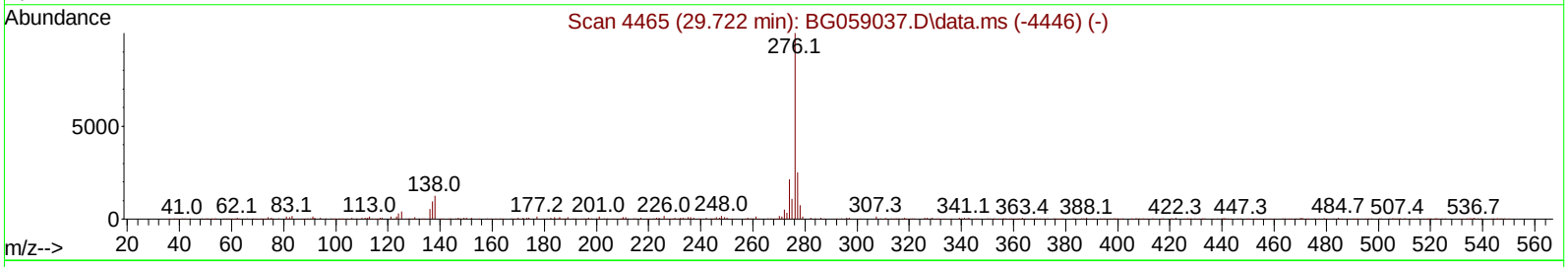

TIC: BG059045.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.693min (+ 0.012) 31.13 ng/ul m

response 2253558

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.53
277.00	25.90	22.47
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	91228	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	443327	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.934	164	368605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	1007530	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.008	240	873591	20.000	ng/ul	0.00
88) Perylene-d12	25.568	264	1030856	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.617	96	12951	6.034	ng/uL	-0.01
4) Pyridine-d5	4.046	84	160578	23.631	ng/ul	-0.01
7) Phenol-d5	7.413	99	295153	32.084	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.624	67	156643	29.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.818	132	182236	30.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.988	113	237883	33.470	ng/ul	0.00
21) Nitrobenzene-d5	9.499	128	99780	31.029	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.221	143	123682	35.052	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	241342	32.183	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	184374	18.283	ng/ul	-0.01
46) Dimethylphthalate-d6	14.328	166	920590	32.197	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	932066	29.274	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	167623	35.294	ng/ul	0.00
60) Fluorene-d10	15.921	176	802193	31.614	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	190406	38.500	ng/ul	0.00
73) Anthracene-d10	17.783	188	1389586	31.068	ng/ul	0.00
81) Pyrene-d10	20.057	212	1589004	34.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	1536803	30.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	26473	9.573	ng/uL#	85
5) Pyridine	4.064	79	171219	23.598	ng/ul	94
6) Benzaldehyde	7.448	77	127293	22.626	ng/ul	91
8) Phenol	7.442	94	328593	33.589	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.718	93	219008	30.630	ng/ul	94
12) 2-Chlorophenol	7.854	128	197822	32.437	ng/ul	97
13) 2-Methylphenol	8.723	108	249383	33.855	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.817	45	263680	30.711	ng/ul	98
16) Acetophenone	9.146	105	407506	34.583	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.111	70	221346	33.510	ng/ul	92
18) 4-Methylphenol	9.052	108	272750	33.904	ng/ul	95
19) Hexachloroethane	9.393	117	82070	32.109	ng/ul	84
22) Nitrobenzene	9.546	77	307061	31.896	ng/ul	96
23) Isophorone	10.051	82	694117	33.943	ng/ul	99
25) 2-Nitrophenol	10.251	139	125724	34.944	ng/ul#	86
26) 2,4-Dimethylphenol	10.274	107	323713	36.305	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.533	93	360380	32.881	ng/ul	98
29) 2,4-Dichlorophenol	10.774	162	251824	35.448	ng/ul	96
30) Naphthalene	11.203	128	739194	31.632	ng/ul	98
32) 4-Chloroaniline	11.314	127	253018	26.133	ng/ul	99
33) Hexachlorobutadiene	11.426	225	178086	32.039	ng/ul	95
34) Caprolactam	12.096	113	109879m	43.582	ng/ul	
35) 4-Chloro-3-methylphenol	12.384	107	329120	37.707	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.783	142	563528	32.317	ng/ul	95
37) 1-Methylnaphthalene	12.995	142	561879	32.668	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.124	216	349438	29.042	ng/ul	96
40) Hexachlorocyclopentadiene	13.077	237	252862	28.561	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.365	196	237600	31.105	ng/ul	98
42) 2,4,5-Trichlorophenol	13.429	196	267977	32.405	ng/ul	94
43) 1,1'-Biphenyl	13.770	154	837999	30.413	ng/ul	99
44) 2-Chloronaphthalene	13.823	162	634015	30.128	ng/ul	97
45) 2-Nitroaniline	14.040	65	236983	36.718	ng/ul	88
47) Dimethylphthalate	14.375	163	936431	34.638	ng/ul	99
48) 2,6-Dinitrotoluene	14.522	165	196444	38.200	ng/ul	98
50) Acenaphthylene	14.663	152	1063858	30.648	ng/ul	97
51) 3-Nitroaniline	14.857	138	192673	39.042	ng/ul	83
52) Acenaphthene	14.998	153	742263	31.865	ng/ul	97
53) 2,4-Dinitrophenol	15.051	184	134542	40.590	ng/ul	91
55) 4-Nitrophenol	15.122	109	205979	36.758	ng/ul	90
56) Dibenzofuran	15.333	168	1112545	32.974	ng/ul	100
57) 2,4-Dinitrotoluene	15.298	165	293516	41.364	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.533	232	274392	34.737	ng/ul#	93
59) Diethylphthalate	15.721	149	986375	37.008	ng/ul	95
61) Fluorene	15.979	166	935911	33.750	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.962	204	486101	33.128	ng/ul	97
63) 4-Nitroaniline	16.021	138	190346	40.697	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.044	198	211398	39.164	ng/ul	93
67) N-Nitrosodiphenylamine	16.179	169	830673	31.279	ng/ul	95
68) 4-Bromophenyl-phenylether	16.861	248	356486	32.253	ng/ul	95
69) Hexachlorobenzene	16.949	284	392576	30.939	ng/ul	97
70) Atrazine	17.113	200	108287	10.419	ng/ul	90
71) Pentachlorophenol	17.301	266	237543	30.371	ng/ul	96
72) Phenanthrene	17.730	178	1666198	32.585	ng/ul	100
74) Anthracene	17.818	178	1708666	32.877	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.729	216	34285	2.358	ng/uL#	90
76) Pentachlorobenzene	15.227	250	430827	30.664	ng/uL	94
77) Carbazole	18.095	167	1510296	34.703	ng/ul	98
78) Di-n-butylphthalate	18.600	149	1712015	35.485	ng/ul	99
80) Fluoranthene	19.722	202	2025511	37.691	ng/ul	97
82) Pyrene	20.086	202	2012273	36.019	ng/ul#	97
83) Butylbenzylphthalate	20.944	149	693499	39.282	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.896	252	608644	31.403	ng/ul#	92
85) Benzo(a)anthracene	21.990	228	1921223	32.793	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.825	149	1009207	38.170	ng/ul	98
87) Chrysene	22.061	228	1810335	33.240	ng/ul	96
89) Di-n-octyl phthalate	23.153	149	1709249	36.044	ng/ul	100
90) Benzo(b)fluoranthene	24.417	252	1980720	32.255	ng/ul	96
91) Benzo(k)fluoranthene	24.493	252	1978150	31.522	ng/ul	94
93) Benzo(a)pyrene	25.398	252	1756643	30.660	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.693	276	2253558m	31.129	ng/ul	
95) Dibenzo(a,h)anthracene	29.775	278	1834039	30.574	ng/ul#	95
96) Benzo(g,h,i)perylene	31.009	276	1832259	31.976	ng/ul	96

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

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