Quantitation Report (Qedit)

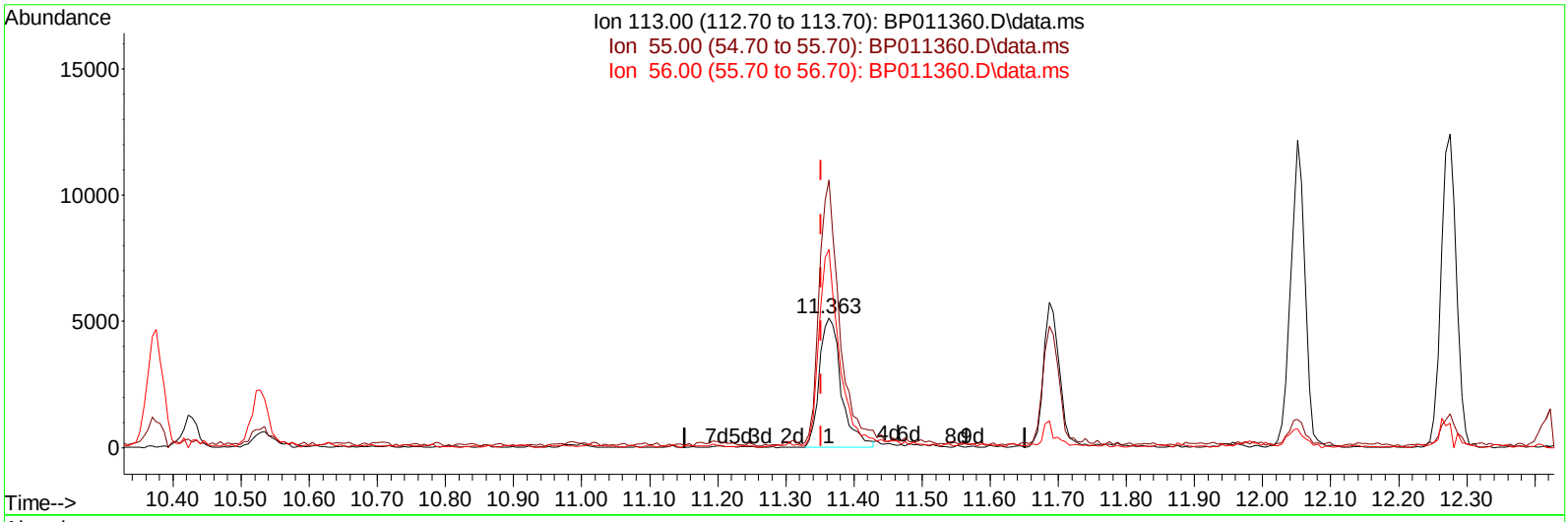
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
Data File : BP011360.D
Acq On : 10 Aug 2022 09:26
Operator : CG/JU
Sample : N4069-09MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

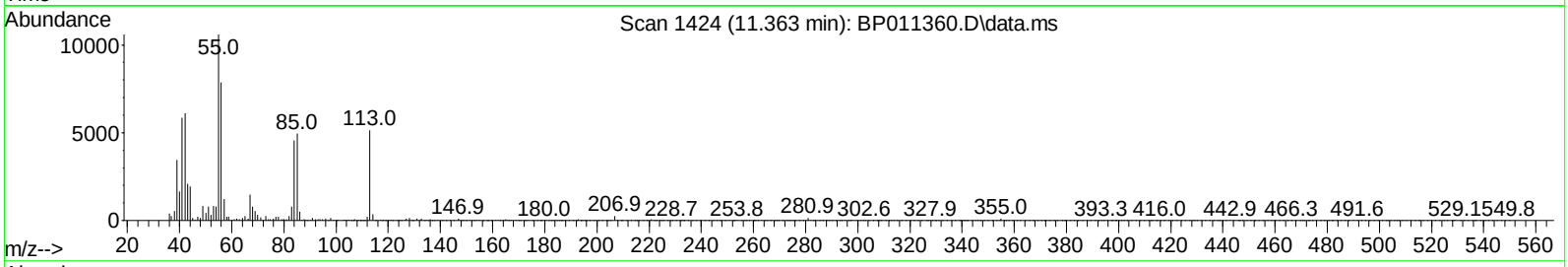
Quant Time: Aug 10 23:54:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 18:47:19 2022
Response via : Initial Calibration

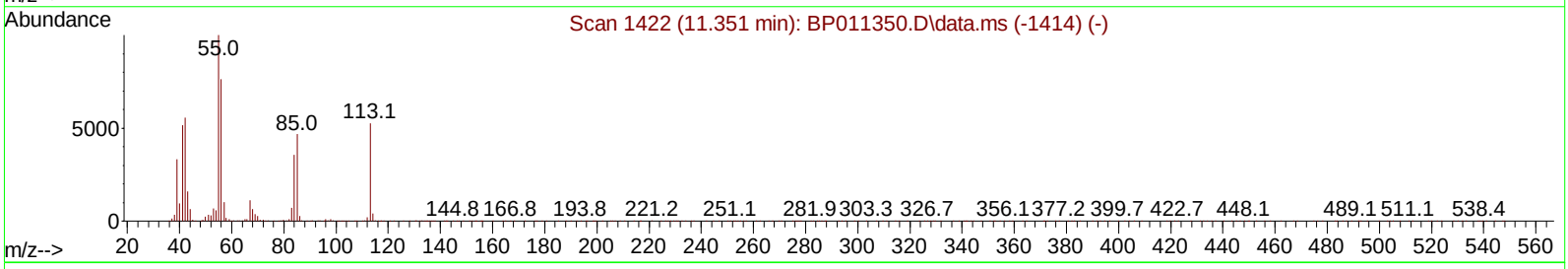
Instrument :
BNA_P
ClientSampleId :
GBJL3MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/11/2022
Supervised By :Sohil Jodhani 08/12/2022







TIC: BP011360.D\data.ms

(34) Caprolactam

11.363min (+ 0.012) 5.09 ng/ul

response 11450

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	205.89
56.00	158.80	152.74
0.00	0.00	0.00

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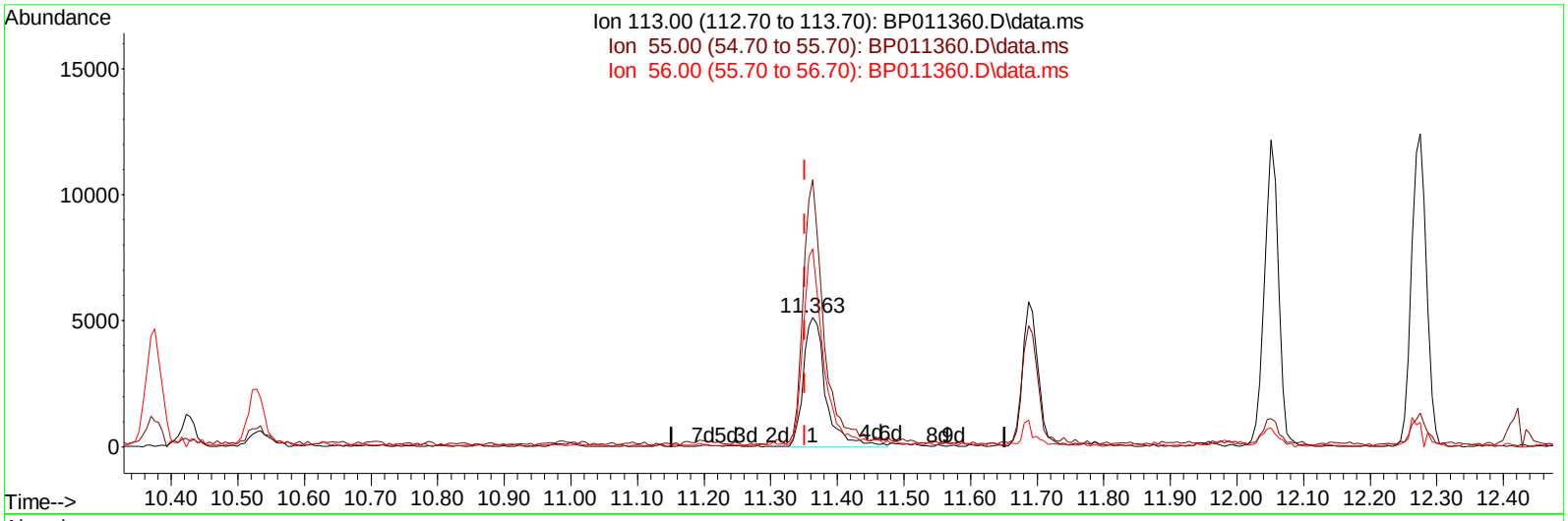

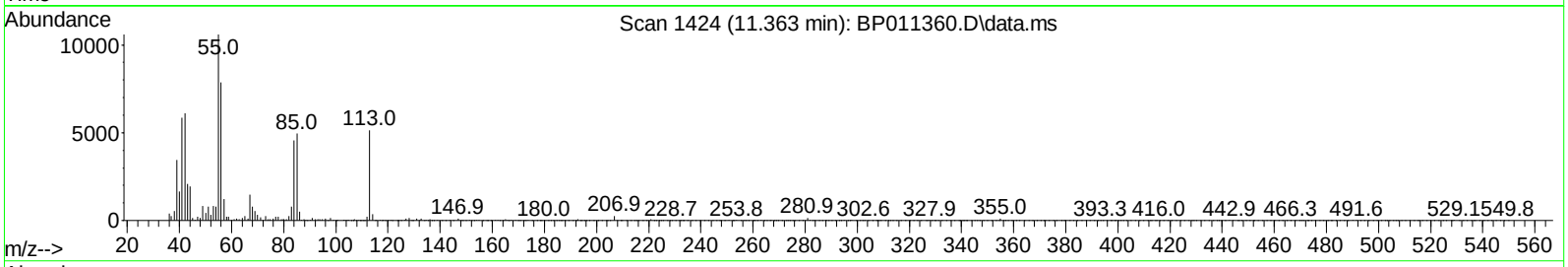

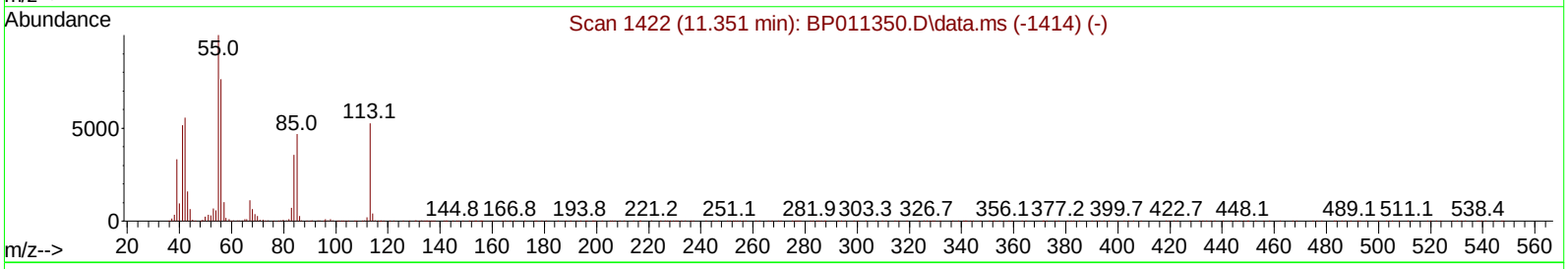

TIC: BP011360.D\data.ms

(34) Caprolactam

11.363min (+ 0.012) 5.31 ng/ul m

response 11928

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	205.89
56.00	158.80	152.74
0.00	0.00	0.00

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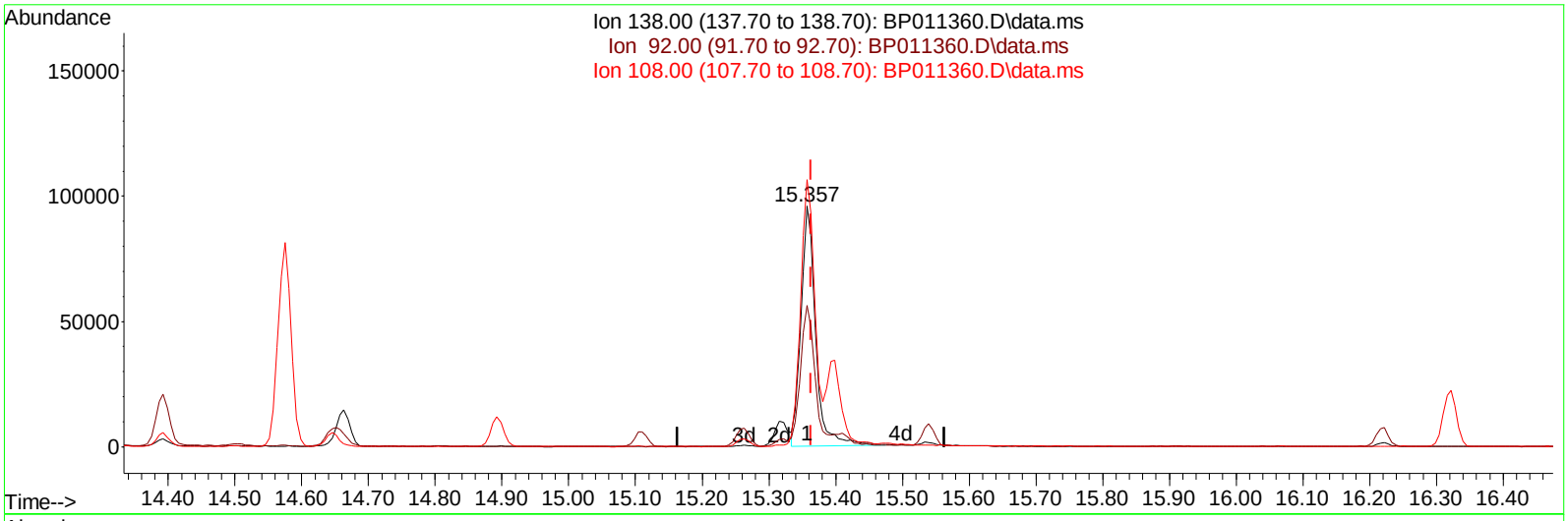

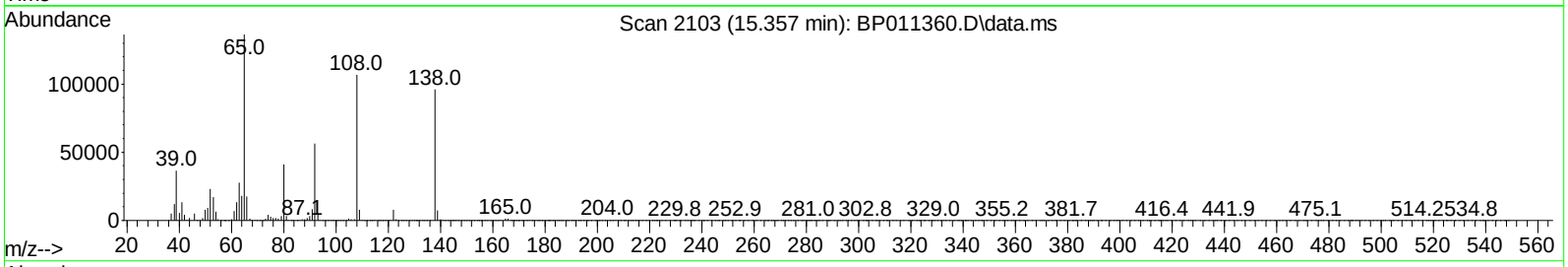

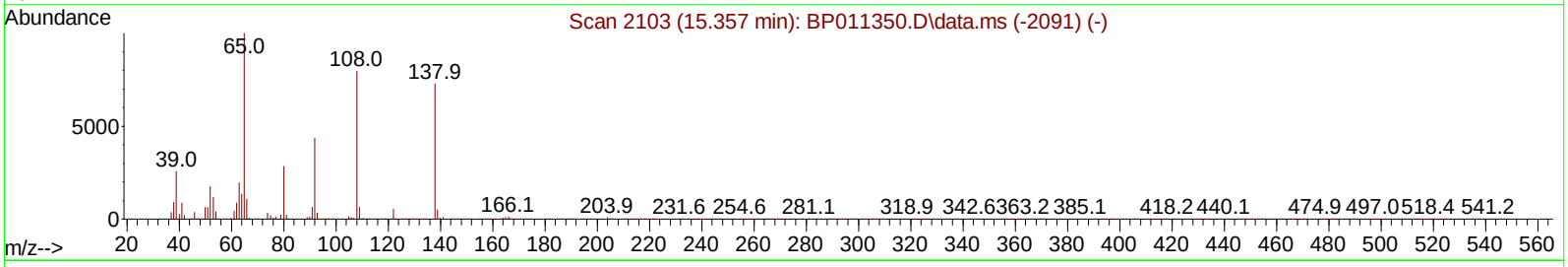

TIC: BP011360.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 41.89 ng/ul

response 146187

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	58.84
108.00	83.90	110.92#
0.00	0.00	0.00

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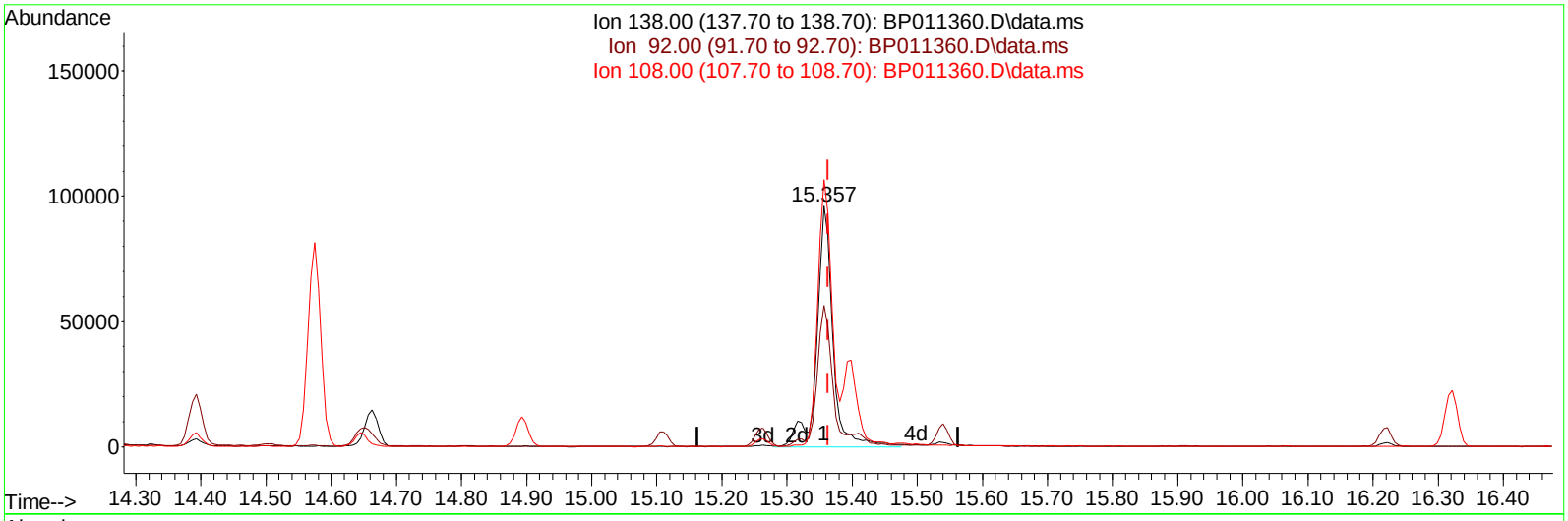

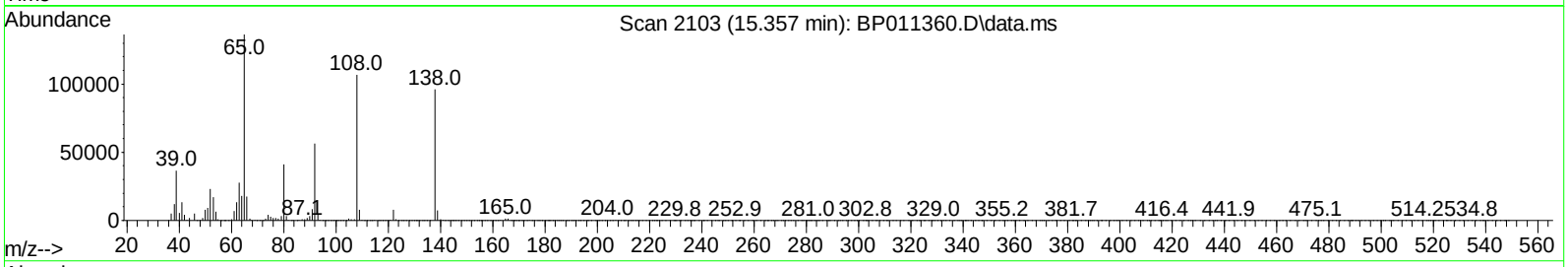

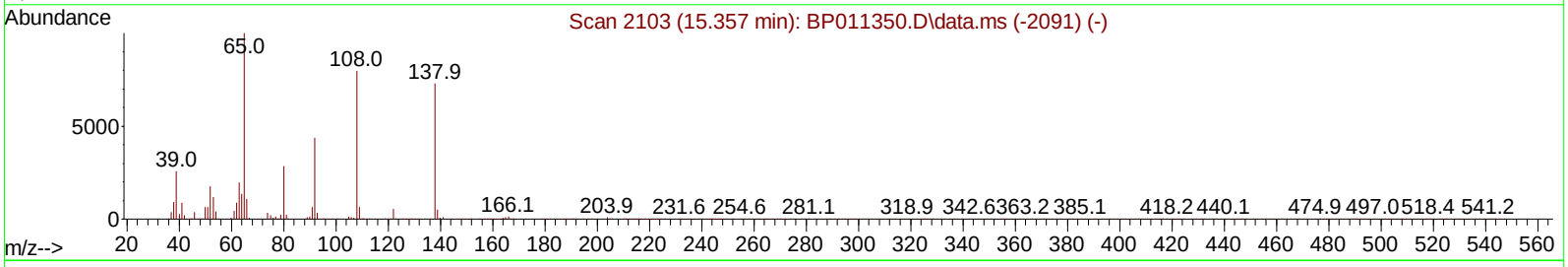

TIC: BP011360.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 47.28 ng/ul m

response 164986

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	58.84
108.00	83.90	110.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.581	152	119244	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	510750	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	296695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	588686	20.000	ng/ul	-0.01
79) Chrysene-d12	21.163	240	542160	20.000	ng/ul	# 0.00
88) Perylene-d12	23.468	264	526690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	15814	4.066	ng/uL	0.00
4) Pyridine-d5	3.505	84	81634	8.320	ng/ul	0.00
7) Phenol-d5	6.769	99	81977	7.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	233912	31.261	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	225757	27.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	150326	18.142	ng/ul	0.00
21) Nitrobenzene-d5	8.752	128	140952	40.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	144062	45.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	245872	38.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	263343	23.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	921391	44.758	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1026530	41.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	34428	9.156	ng/ul	0.00
60) Fluorene-d10	15.263	176	739536	42.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	136740	50.008	ng/ul	0.00
73) Anthracene-d10	17.128	188	1135856	42.927	ng/ul	-0.01
81) Pyrene-d10	19.392	212	1274003	42.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	1172263	44.134	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	17111	4.141	ng/uL#	86
5) Pyridine	3.522	79	89103	8.718	ng/ul#	82
6) Benzaldehyde	6.740	77	213352	46.391	ng/ul	99
8) Phenol	6.799	94	82223	7.198	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.022	93	269451	29.290	ng/ul	96
12) 2-Chlorophenol	7.152	128	218951	25.377	ng/ul	99
13) 2-Methylphenol	8.040	108	157617	19.160	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	399777	28.974	ng/ul#	94
16) Acetophenone	8.416	105	445556	33.236	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.405	70	235968	35.731	ng/ul	97
18) 4-Methylphenol	8.375	108	151982	17.236	ng/ul	100
19) Hexachloroethane	8.652	117	110924	30.448	ng/ul	98
22) Nitrobenzene	8.793	77	348731	35.838	ng/ul	98
23) Isophorone	9.322	82	655531	36.726	ng/ul	99
25) 2-Nitrophenol	9.499	139	146307	39.447	ng/ul#	89
26) 2,4-Dimethylphenol	9.569	107	206594	22.045	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.810	93	372736	32.676	ng/ul	99
29) 2,4-Dichlorophenol	10.034	162	227312	33.822	ng/ul	97
30) Naphthalene	10.428	128	877222	31.569	ng/ul	99
32) 4-Chloroaniline	10.552	127	242642	21.545	ng/ul	100
33) Hexachlorobutadiene	10.704	225	139834	33.915	ng/ul	98
34) Caprolactam	11.363	113	11928m	5.307	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	273060	34.556	ng/ul	97

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.051	142	590155	34.262 ng/ul	99
37)	1-Methylnaphthalene	12.275	142	600861	34.391 ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.422	216	261419	33.469 ng/ul	97
40)	Hexachlorocyclopentadiene	12.398	237	117207	28.003 ng/ul	99
41)	2,4,6-Trichlorophenol	12.675	196	191960	40.617 ng/ul	99
42)	2,4,5-Trichlorophenol	12.746	196	207509	41.139 ng/ul	98
43)	1,1'-Biphenyl	13.087	154	792075	33.998 ng/ul	98
44)	2-Chloronaphthalene	13.122	162	594518	34.011 ng/ul	97
45)	2-Nitroaniline	13.345	65	240685	54.213 ng/ul	98
47)	Dimethylphthalate	13.734	163	854002	40.958 ng/ul	99
48)	2,6-Dinitrotoluene	13.851	165	171362	52.562 ng/ul	98
50)	Acenaphthylene	13.981	152	1043941	36.546 ng/ul	99
51)	3-Nitroaniline	14.187	138	139219	38.819 ng/ul	94
52)	Acenaphthene	14.322	153	690391	36.239 ng/ul	98
53)	2,4-Dinitrophenol	14.393	184	86480	44.708 ng/ul#	90
55)	4-Nitrophenol	14.504	109	34668	9.939 ng/ul#	80
56)	Dibenzofuran	14.663	168	953744	36.927 ng/ul	93
57)	2,4-Dinitrotoluene	14.645	165	248479	49.725 ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	14.892	232	171580	43.726 ng/ul#	94
59)	Diethylphthalate	15.110	149	958889	44.392 ng/ul	98
61)	Fluorene	15.316	166	810781	38.654 ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.322	204	358167	39.064 ng/ul	91
63)	4-Nitroaniline	15.357	138	164986m	47.278 ng/ul	
66)	4,6-Dinitro-2-methylph...	15.416	198	125614	44.614 ng/ul#	97
67)	N-Nitrosodiphenylamine	15.540	169	692321	39.909 ng/ul	99
68)	4-Bromophenyl-phenylether	16.222	248	214755	41.224 ng/ul	93
69)	Hexachlorobenzene	16.322	284	245541	40.345 ng/ul	96
70)	Atrazine	16.516	200	219881	38.027 ng/ul	99
71)	Pentachlorophenol	16.675	266	148917	42.149 ng/ul	98
72)	Phenanthrene	17.075	178	1276928	38.684 ng/ul	100
74)	Anthracene	17.169	178	1283927	39.071 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.040	216	266285	31.508 ng/uL	99
76)	Pentachlorobenzene	14.575	250	273733	37.191 ng/uL	99
77)	Carbazole	17.445	167	1212921	39.499 ng/ul	98
78)	Di-n-butylphthalate	18.022	149	1647887	49.077 ng/ul	100
80)	Fluoranthene	19.063	202	1455646	40.038 ng/ul	95
82)	Pyrene	19.422	202	1493717	38.925 ng/ul#	93
83)	Butylbenzylphthalate	20.322	149	736524	60.230 ng/ul	99
84)	3,3'-Dichlorobenzidine	21.086	252	124061	12.573 ng/ul	98
85)	Benzo(a)anthracene	21.145	228	1370402	39.399 ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.086	149	1094582	55.758 ng/ul	98
87)	Chrysene	21.198	228	1335455	38.785 ng/ul	99
89)	Di-n-octyl phthalate	21.986	149	1840268	50.358 ng/ul	100
90)	Benzo(b)fluoranthene	22.769	252	1408296	40.626 ng/ul	98
91)	Benzo(k)fluoranthene	22.816	252	1297514	38.256 ng/ul	98
93)	Benzo(a)pyrene	23.369	252	1328457	39.734 ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	25.851	276	1500314	40.592 ng/ul	94
95)	Dibenzo(a,h)anthracene	25.874	278	1291354	41.081 ng/ul#	94
96)	Benzo(g,h,i)perylene	26.586	276	1255843	40.267 ng/ul	95

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

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