Quantitation Report (Qedit)

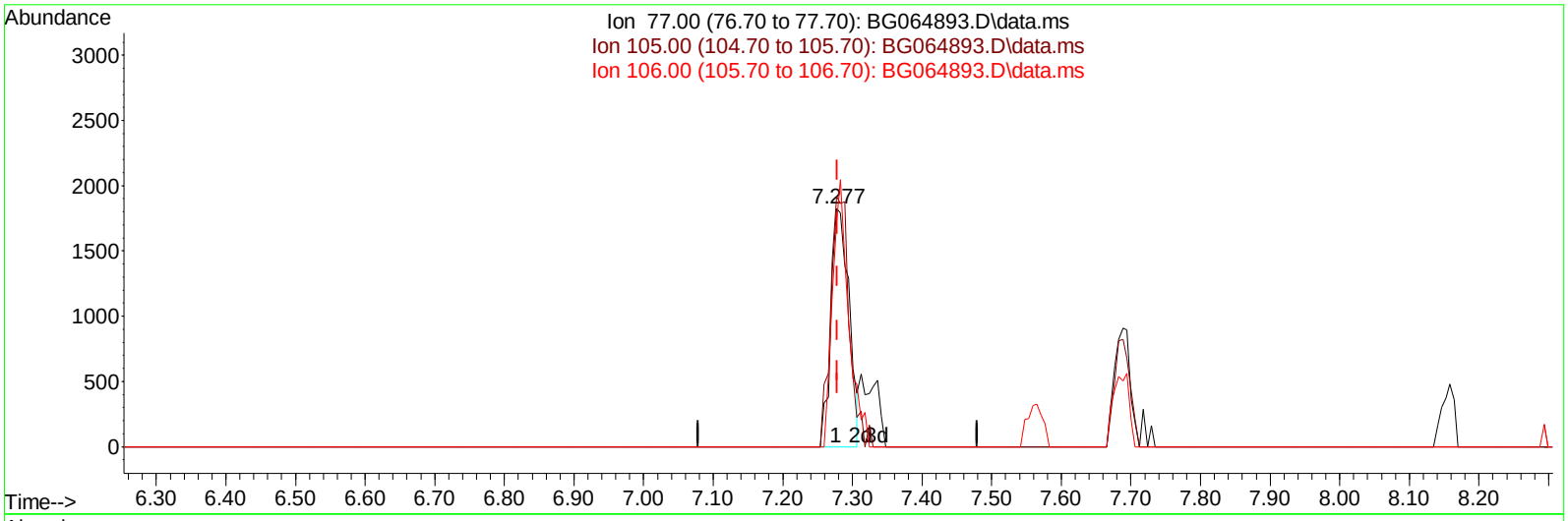
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064893.D
Acq On : 26 Nov 2025 17:45
Operator : RC/JU
Sample : PB170723BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

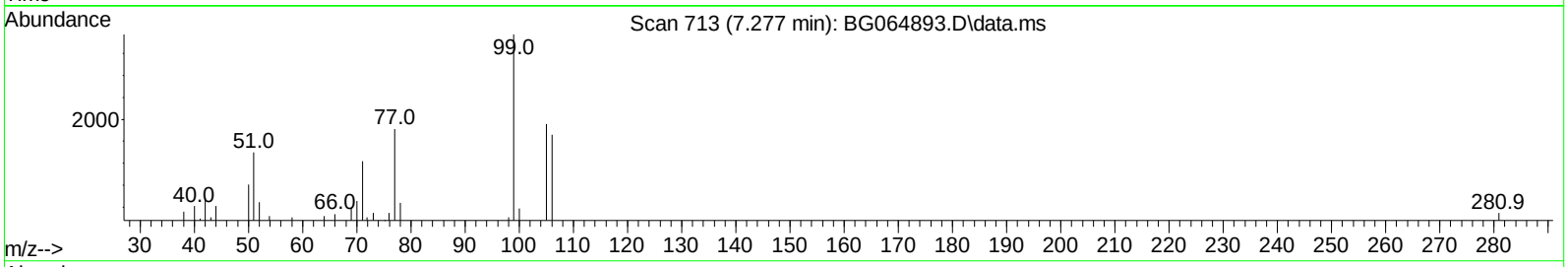
Quant Time: Dec 01 11:33:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

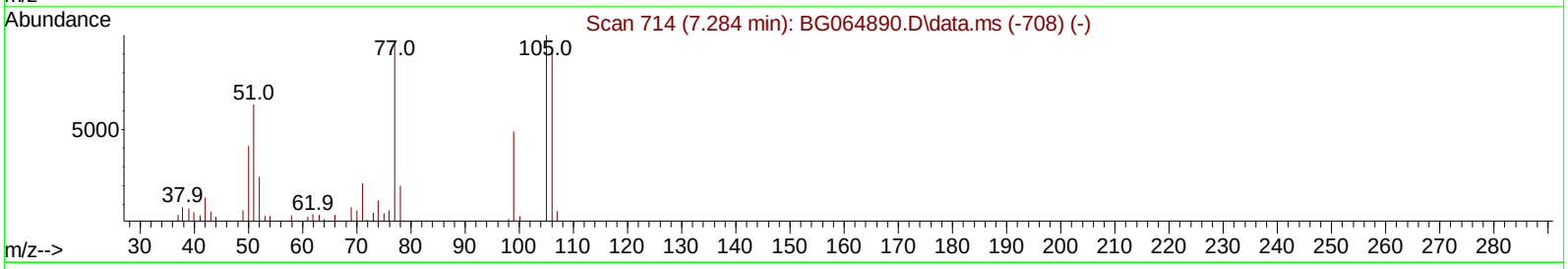
Instrument :
BNA_G
ClientSampleId :
SLCS723

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025







TIC: BG064893.D\data.ms

(6) Benzaldehyde

7.277min (-0.002) 3.64 ng/ul

response 3297

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.90	104.93
106.00	92.90	94.30
0.00	0.00	0.00

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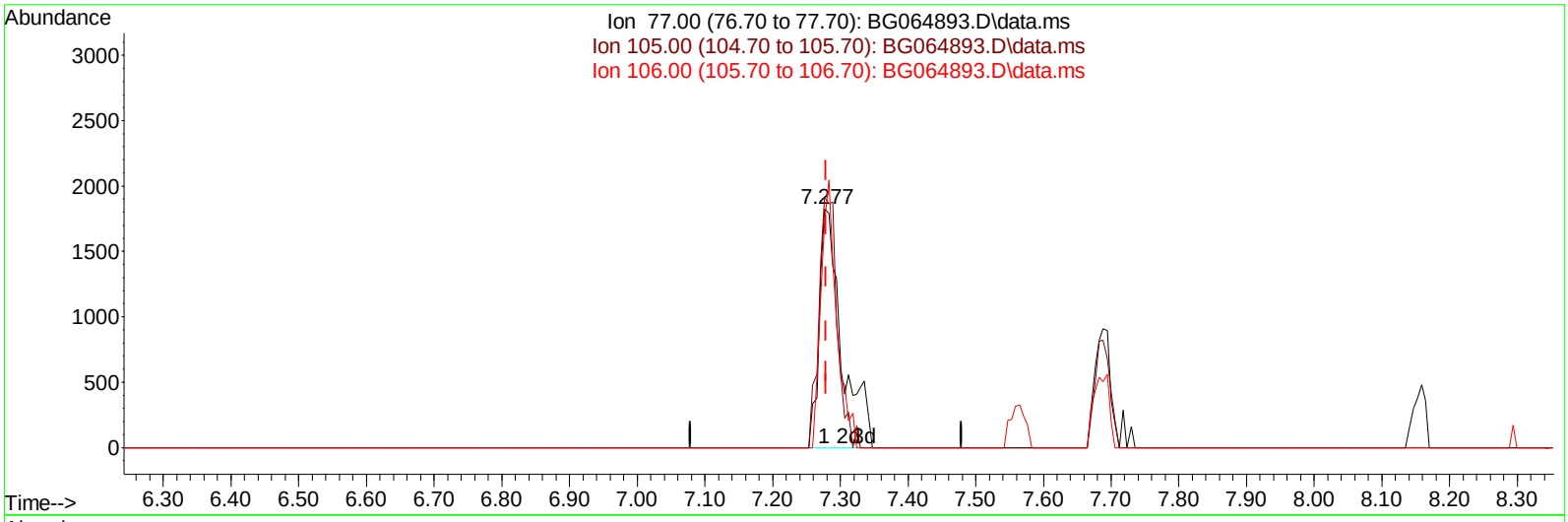

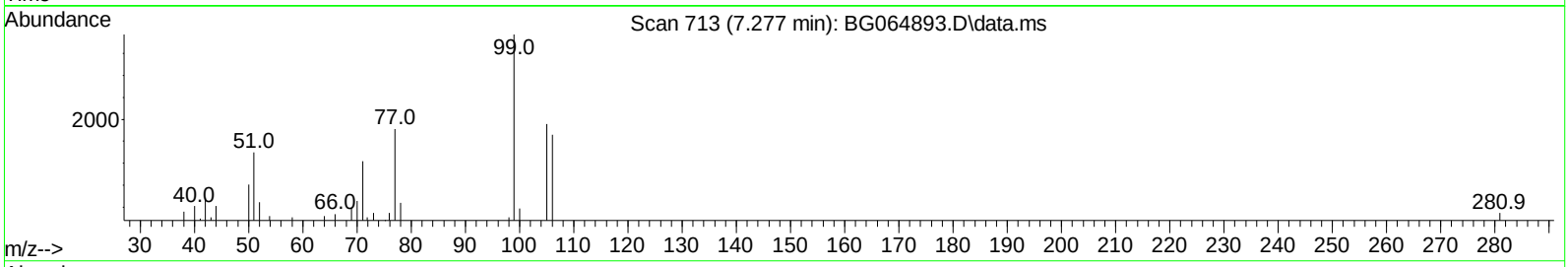

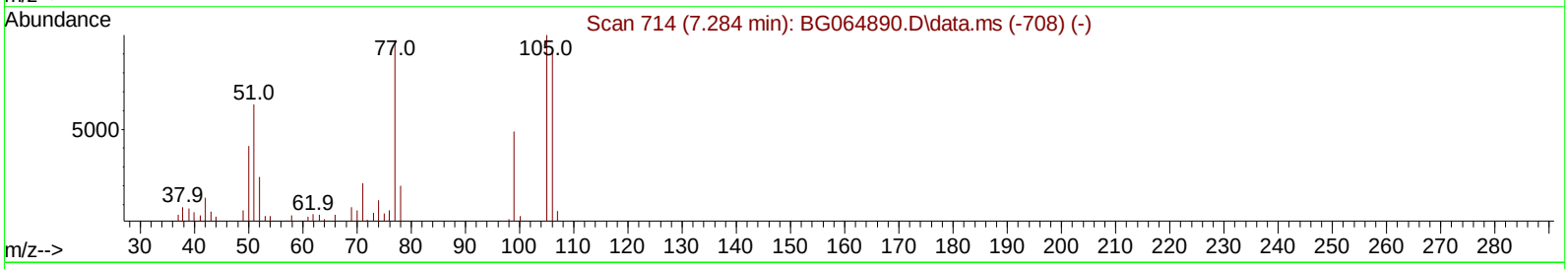

TIC: BG064893.D\data.ms

(6) Benzaldehyde

7.277min (-0.002) 4.65 ng/ul m

response 4203

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.90	104.93
106.00	92.90	94.30
0.00	0.00	0.00

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Acq On : 26 Nov 2025 17:45
Operator : RC/JU
Sample : PB170723BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 01 11:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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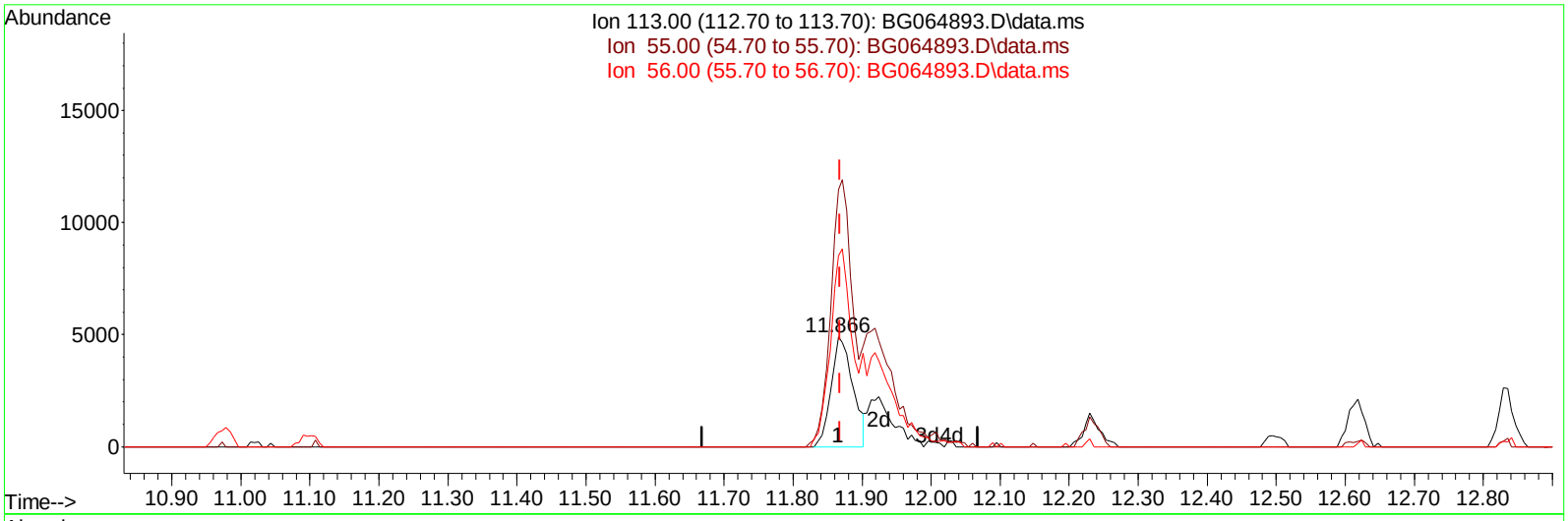

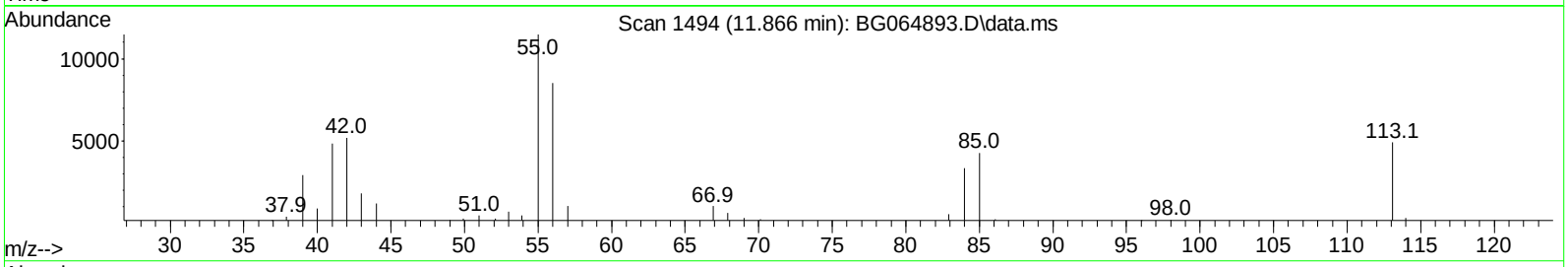

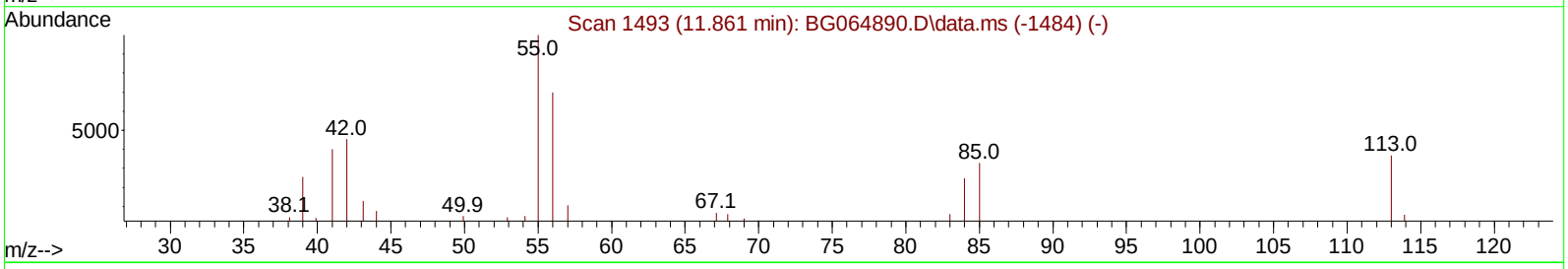

TIC: BG064893.D\data.ms

(34) Caprolactam

11.866min (-0.002) 20.04 ng/ul

response 10777

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	234.06
56.00	159.40	173.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
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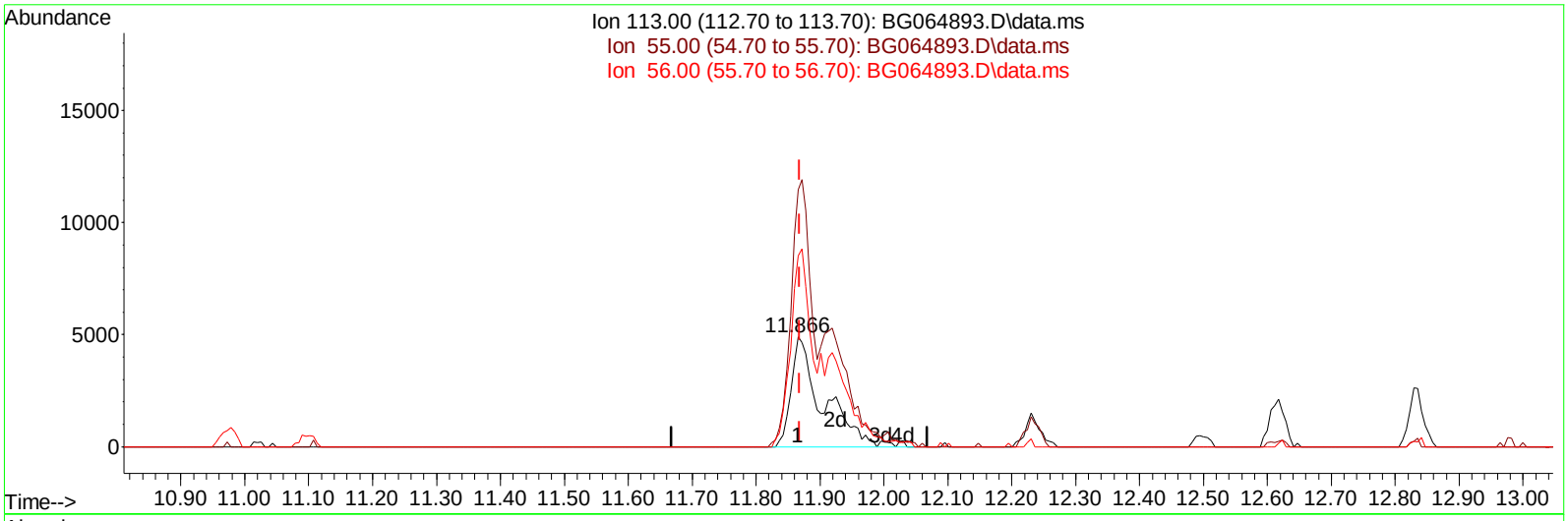

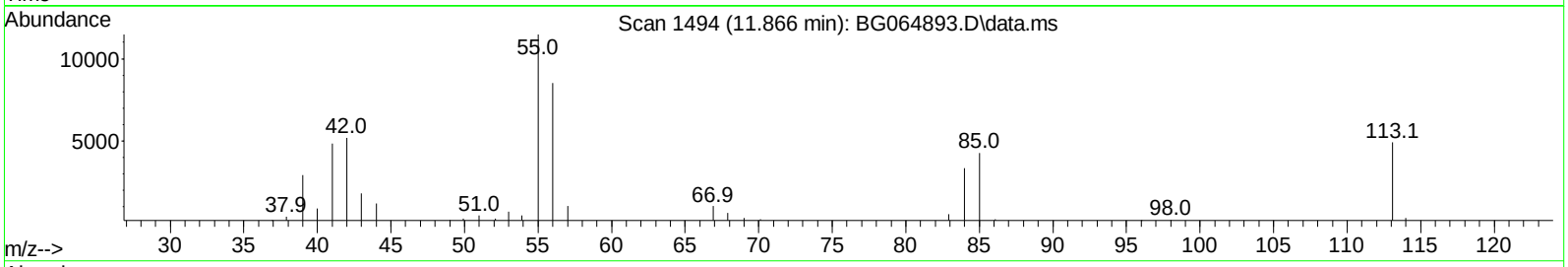

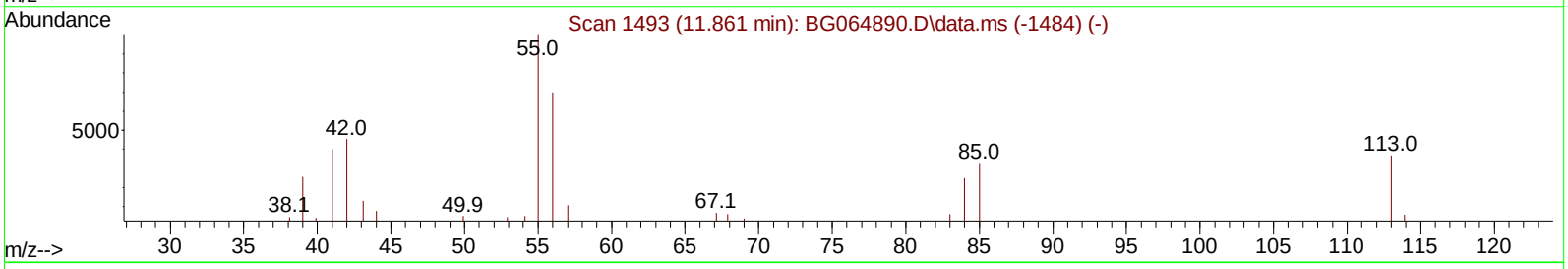

TIC: BG064893.D\data.ms

(34) Caprolactam

11.866min (-0.002) 31.50 ng/ul m

response 16945

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	234.06
56.00	159.40	173.91
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	8.158	152	22851	20.000	ng/ul	0.00
20) Naphthalene-d8	10.973	136	89361	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.768	164	76209	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.500	188	200372	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.748	240	250909	20.000	ng/ul	# 0.00
88) Perylene-d12	25.003	264	282094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	5911	10.253	ng/uL	0.00
4) Pyridine-d5	3.916	84	42664	26.858	ng/ul	0.00
7) Phenol-d5	7.301	99	62773	34.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.471	67	33335	28.295	ng/ul	0.00
11) 2-Chlorophenol-d4	7.682	132	52134	37.332	ng/ul	0.00
15) 4-Methylphenol-d8	8.858	113	52635	33.153	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	25627	38.022	ng/ul	0.00
24) 2-Nitrophenol-d4	10.044	143	31399	39.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.585	165	68394	41.437	ng/ul	0.00
31) 4-Chloroaniline-d4	11.096	131	53417	25.319	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	231080	38.547	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	240975	37.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	32873	36.170	ng/ul	0.00
60) Fluorene-d10	15.755	176	208024	38.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.861	200	51858	40.424	ng/ul	0.00
73) Anthracene-d10	17.594	188	367173	36.265	ng/ul	0.00
81) Pyrene-d10	19.868	212	495591	38.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	578992	38.903	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	6417	9.622	ng/uL	83
5) Pyridine	3.934	79	43384	24.944	ng/ul	93
6) Benzaldehyde	7.277	77	4203m	4.645	ng/ul	
8) Phenol	7.330	94	63608	33.078	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.565	93	40367	28.386	ng/ul	99
12) 2-Chlorophenol	7.718	128	52378	35.414	ng/ul	98
13) 2-Methylphenol	8.593	108	50107	32.916	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.675	45	84195	28.200	ng/ul	99
16) Acetophenone	8.975	105	80822	30.949	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.963	70	37403	29.857	ng/ul	93
18) 4-Methylphenol	8.922	108	56128	33.607	ng/ul	91
19) Hexachloroethane	9.251	117	20353	30.835	ng/ul	89
22) Nitrobenzene	9.363	77	59796	34.541	ng/ul	98
23) Isophorone	9.892	82	111416	32.853	ng/ul#	95
25) 2-Nitrophenol	10.080	139	32759	38.924	ng/ul#	89
26) 2,4-Dimethylphenol	10.127	107	55507	30.619	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.362	93	57423	30.192	ng/ul#	97
29) 2,4-Dichlorophenol	10.614	162	62798	40.794	ng/ul	96
30) Naphthalene	11.026	128	177808	34.624	ng/ul	99
32) 4-Chloroaniline	11.120	127	40025	18.640	ng/ul	95
33) Hexachlorobutadiene	11.313	225	69891	43.284	ng/ul	94
34) Caprolactam	11.866	113	16945m	31.502	ng/ul	
35) 4-Chloro-3-methylphenol	12.230	107	64916	38.724	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.618	142	134915	35.057	ng/ul	97
37) 1-Methylnaphthalene	12.829	142	133301	35.388	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.982	216	122274	41.761	ng/ul	96
40) Hexachlorocyclopentadiene	12.964	237	56658	27.932	ng/ul	95
41) 2,4,6-Trichlorophenol	13.211	196	65881	40.704	ng/ul	97
42) 2,4,5-Trichlorophenol	13.282	196	74526	43.699	ng/ul	95
43) 1,1'-Biphenyl	13.611	154	200333	37.339	ng/ul#	97
44) 2-Chloronaphthalene	13.652	162	152535	36.215	ng/ul	99
45) 2-Nitroaniline	13.846	65	47704	38.099	ng/ul	99
47) Dimethylphthalate	14.210	163	223080	36.466	ng/ul	99
48) 2,6-Dinitrotoluene	14.333	165	44802	39.912	ng/ul	93
50) Acenaphthylene	14.492	152	248285	33.804	ng/ul	99
51) 3-Nitroaniline	14.663	138	36705	37.701	ng/ul	99
52) Acenaphthene	14.833	153	174952	36.326	ng/ul	98
53) 2,4-Dinitrophenol	14.862	184	29008	43.943	ng/ul#	80
55) 4-Nitrophenol	14.956	109	38725	46.095	ng/ul#	83
56) Dibenzofuran	15.162	168	268226	36.487	ng/ul	98
57) 2,4-Dinitrotoluene	15.115	165	71509	41.872	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.385	232	78200	40.493	ng/ul	91
59) Diethylphthalate	15.567	149	221170	36.812	ng/ul	98
61) Fluorene	15.808	166	215371	37.350	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.796	204	143101	40.695	ng/ul	98
63) 4-Nitroaniline	15.814	138	42042	41.940	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.873	198	52214	41.880	ng/ul#	98
67) N-Nitrosodiphenylamine	16.002	169	191258	35.517	ng/ul	99
68) 4-Bromophenyl-phenylether	16.684	248	110312	41.295	ng/ul	99
69) Hexachlorobenzene	16.813	284	132735	40.958	ng/ul	93
70) Atrazine	16.936	200	10354	4.019	ng/ul	98
71) Pentachlorophenol	17.148	266	65865	36.601	ng/ul	95
72) Phenanthrene	17.541	178	397611	35.488	ng/ul	99
74) Anthracene	17.630	178	392493	34.924	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.581	216	122007	40.502	ng/ul	98
76) Pentachlorobenzene	15.086	250	137397	40.147	ng/ul	96
77) Carbazole	17.894	167	319442	34.855	ng/ul	99
78) Di-n-butylphthalate	18.440	149	374991	35.374	ng/ul#	98
80) Fluoranthene	19.533	202	525378	36.392	ng/ul#	93
82) Pyrene	19.898	202	560706	37.210	ng/ul#	92
83) Butylbenzylphthalate	20.761	149	166199	33.398	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.637	252	198702	37.188	ng/ul	99
85) Benzo(a)anthracene	21.731	228	636913	37.863	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.625	149	247374	33.612	ng/ul#	97
87) Chrysene	21.795	228	602055	36.977	ng/ul	99
89) Di-n-octyl phthalate	22.847	149	426523	33.179	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	675008	38.864	ng/ul#	98
91) Benzo(k)fluoranthene	24.040	252	649488	36.545	ng/ul#	98
93) Benzo(a)pyrene	24.851	252	604015	36.565	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.728	276	823359	38.797	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.787	278	674055	39.372	ng/ul#	98
96) Benzo(g,h,i)perylene	29.886	276	627066	36.607	ng/ul#	94

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

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