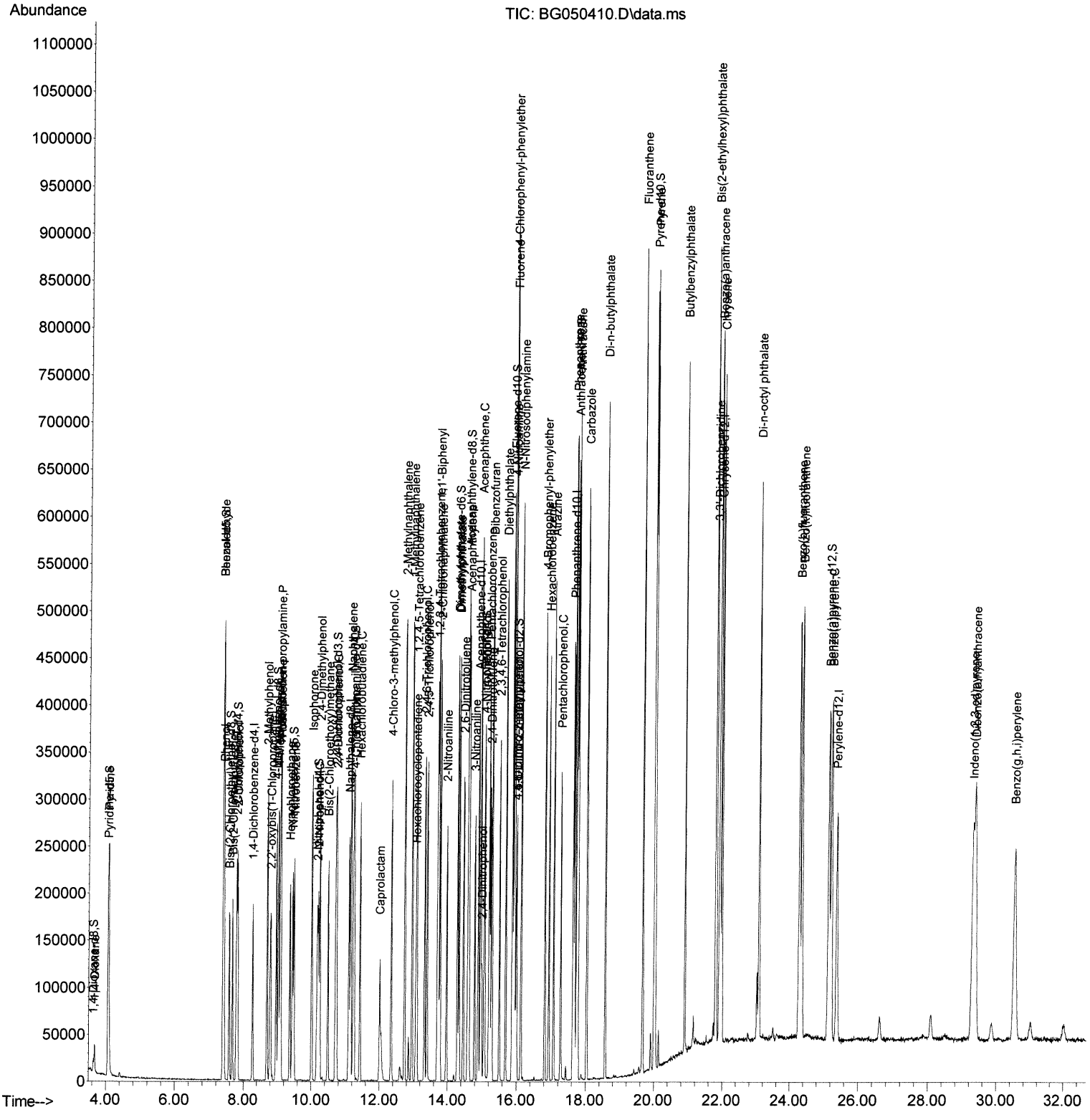
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050410.D
Acq On : 4 Oct 2021 12:03
Operator : CG/JU
Sample : PB139404BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 12:39:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS404

Manual Integrations APPROVED
mohammad
10/5/2021 12:06:34 PM



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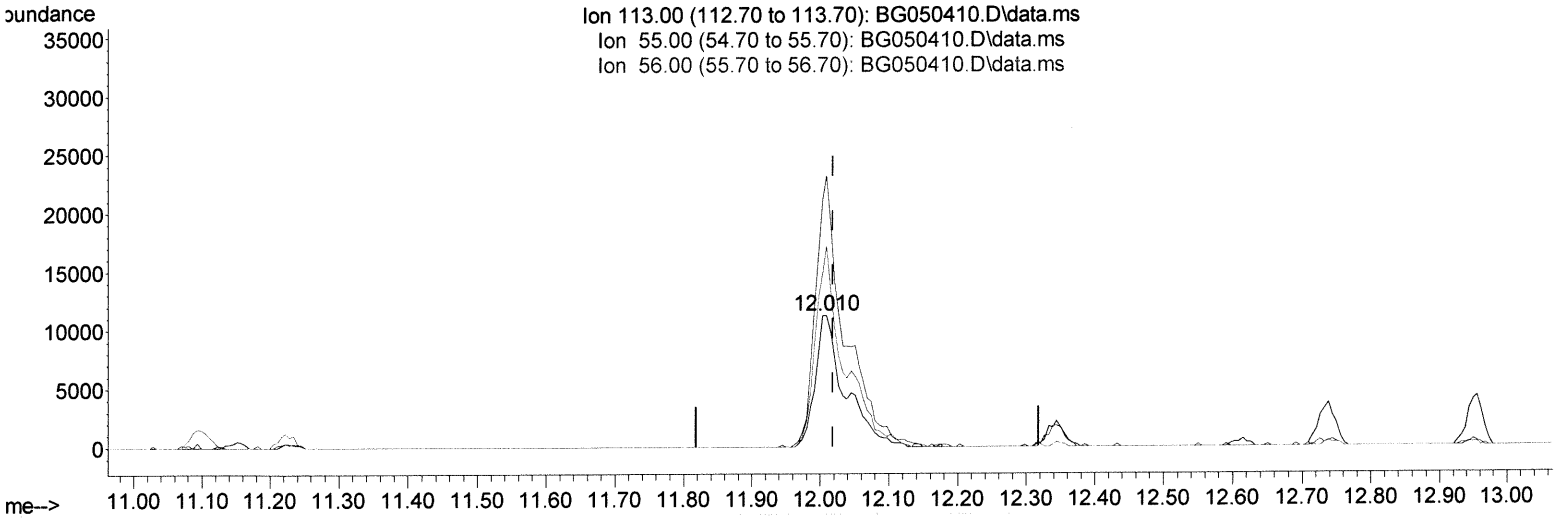

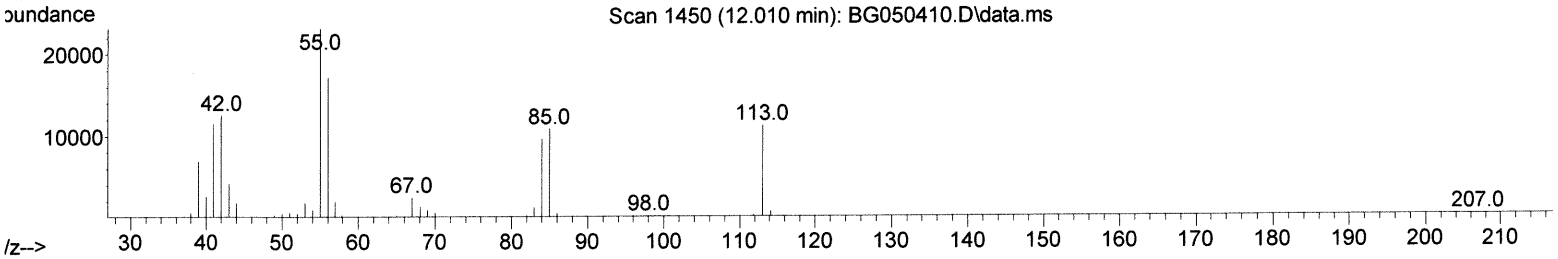

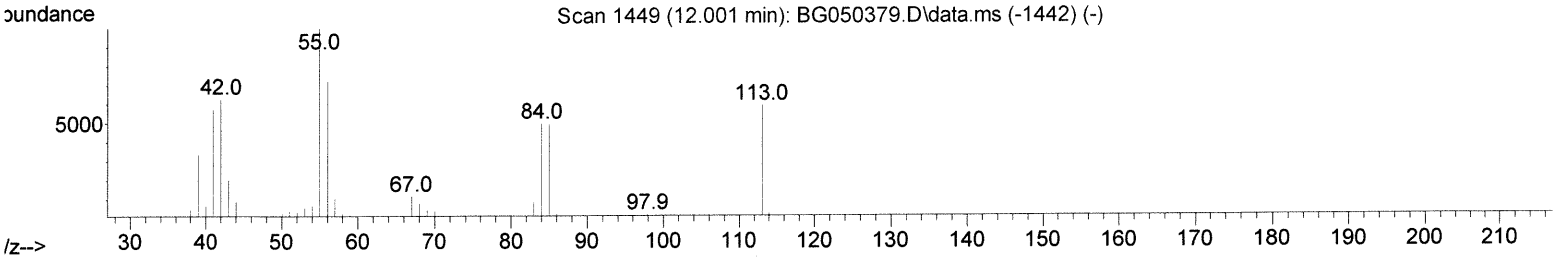

TIC: BG050410.D\data.ms

(34) Caprolactam

12.010min (-0.009) 21.13 ng/ul

response 25406

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	206.09
56.00	132.30	152.95
0.00	0.00	0.00

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Data File : BG050410.D
Acq On : 4 Oct 2021 12:03
Operator : CG/JU
Sample : PB139404BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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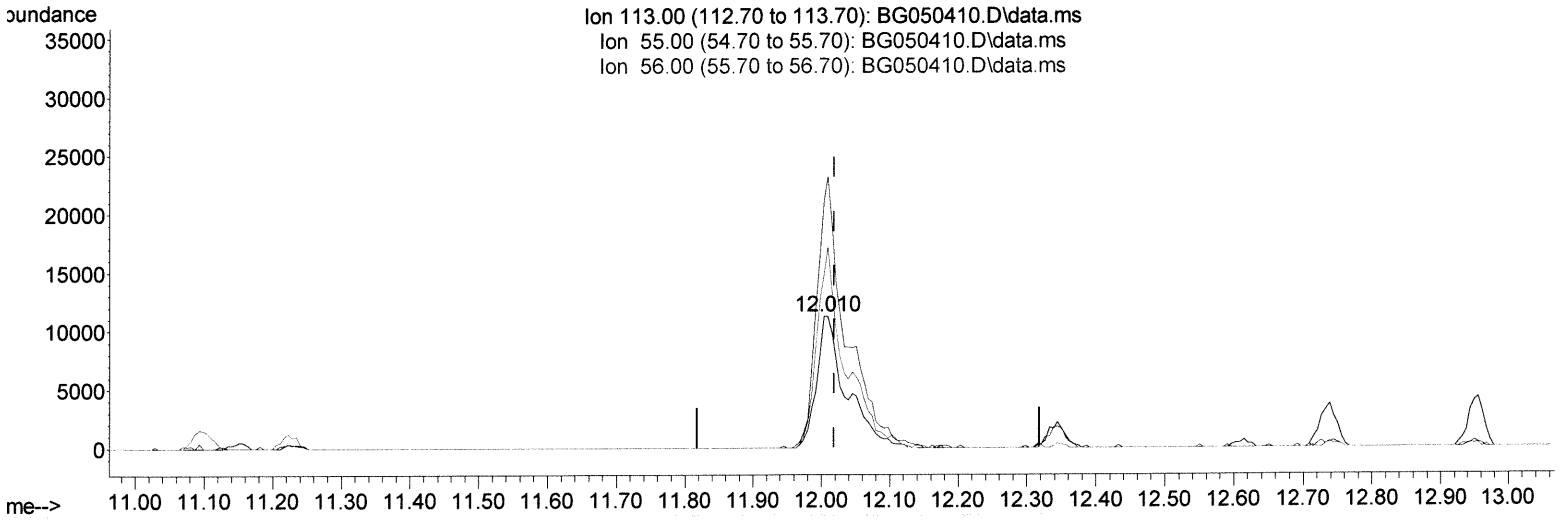

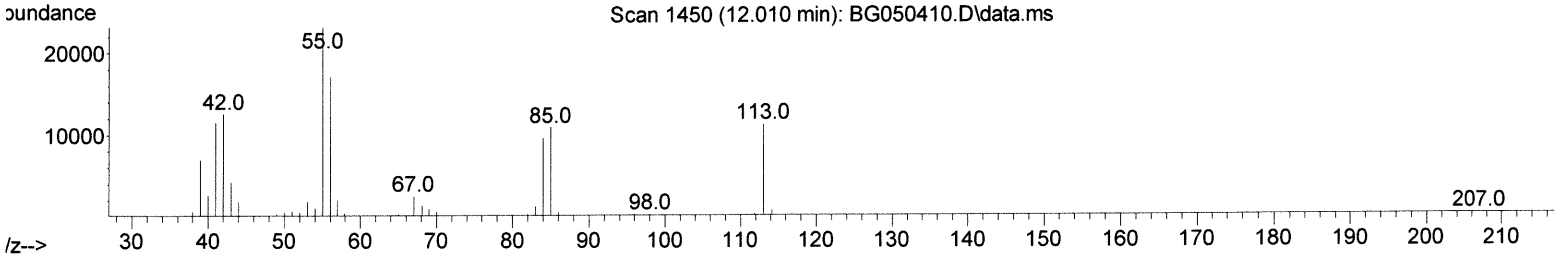

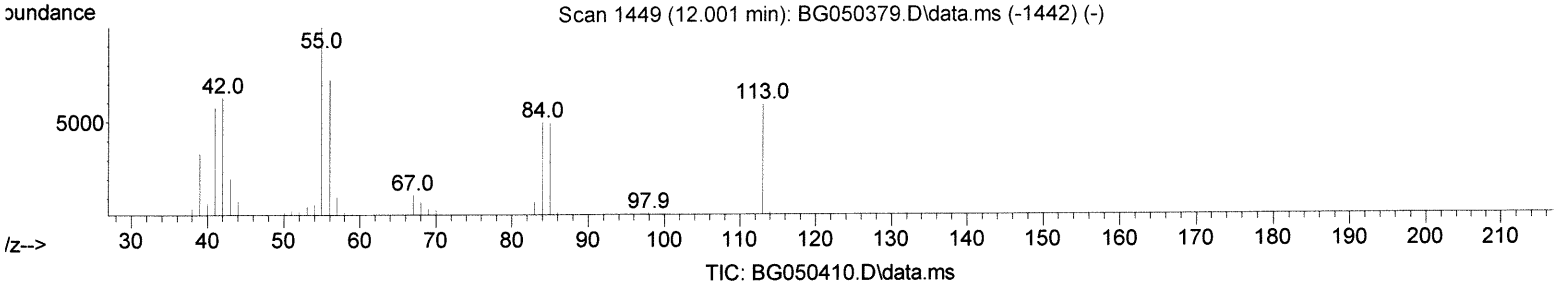

TIC: BG050410.D\data.ms

(34) Caprolactam

12.010min (-0.009) 28.08 ng/ul m

response 33765

JR 10/08/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	206.09
56.00	132.30	152.95
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB139404BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Oct 04 12:39:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	50044	20.000	ng/ul	0.00
20) Naphthalene-d8	11.099	136	212025	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	135164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	286294	20.000	ng/ul	0.00
79) Chrysene-d12	21.939	240	251238	20.000	ng/ul	0.00
88) Perylene-d12	25.365	264	248311	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	7688	5.644	ng/uL	0.00
4) Pyridine-d5	4.060	84	117409	28.926	ng/ul	0.00
7) Phenol-d5	7.403	99	141056	32.261	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	90077	32.735	ng/ul	0.00
11) 2-Chlorophenol-d4	7.797	132	98081	32.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.966	113	105578	31.902	ng/ul	0.00
21) Nitrobenzene-d5	9.442	128	50648	34.147	ng/ul	0.00
24) 2-Nitrophenol-d4	10.171	143	53734	33.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.705	165	99324	31.597	ng/ul	0.00
31) 4-Chloroaniline-d4	11.228	131	135335	30.137	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	290476	31.402	ng/ul	0.00
49) Acenaphthylene-d8	14.589	160	364157	31.347	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	54352	30.507	ng/ul	0.00
60) Fluorene-d10	15.882	176	255190	30.620	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.987	200	39649	27.766	ng/ul	0.00
73) Anthracene-d10	17.732	188	384500	31.791	ng/ul	0.00
81) Pyrene-d10	20.006	212	439744	32.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.130	264	378922	30.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	18635	11.308	ng/uL	98
5) Pyridine	4.084	79	119221	28.997	ng/ul	100
6) Benzaldehyde	7.403	77	95567	33.142	ng/ul	94
8) Phenol	7.433	94	141395	31.550	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.679	93	106409	31.655	ng/ul	96
12) 2-Chlorophenol	7.826	128	98619	31.464	ng/ul	90
13) 2-Methylphenol	8.696	108	104393	31.608	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.796	45	171483	34.001	ng/ul	99
16) Acetophenone	9.101	105	161562	30.726	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.078	70	98087	31.040	ng/ul#	94
18) 4-Methylphenol	9.025	108	108590	31.046	ng/ul	98
19) Hexachloroethane	9.366	117	41375	30.714	ng/ul	98
22) Nitrobenzene	9.489	77	145548	32.742	ng/ul	100
23) Isophorone	10.012	82	259097	30.328	ng/ul	99
25) 2-Nitrophenol	10.200	139	54844	33.521	ng/ul	94
26) 2,4-Dimethylphenol	10.241	107	122092	30.062	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.488	93	141058	30.583	ng/ul	97
29) 2,4-Dichlorophenol	10.735	162	95041	30.539	ng/ul	95
30) Naphthalene	11.152	128	321414	29.527	ng/ul	98
32) 4-Chloroaniline	11.252	127	128393	28.399	ng/ul	94
33) Hexachlorobutadiene	11.422	225	64302	28.432	ng/ul	99
34) Caprolactam	12.010	113	33765m	28.082	ng/ul	96
35) 4-Chloro-3-methylphenol	12.345	107	112289	30.604	ng/ul	96

JU 10/08/21

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.738	142	226053	30.545	ng/ul	98
37) 1-Methylnaphthalene	12.950	142	216800	29.099	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.091	216	123043	31.544	ng/ul	95
40) Hexachlorocyclopentadiene	13.067	237	52937	20.464	ng/ul	96
41) 2,4,6-Trichlorophenol	13.326	196	81093	32.984	ng/ul	99
42) 2,4,5-Trichlorophenol	13.396	196	84832	31.543	ng/ul	98
43) 1,1'-Biphenyl	13.725	154	286717	31.521	ng/ul	100
44) 2-Chloronaphthalene	13.778	162	220387	30.926	ng/ul	98
45) 2-Nitroaniline	13.966	65	84396	36.174	ng/ul	91
47) Dimethylphthalate	14.330	163	279216	30.000	ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	57937	33.093	ng/ul	95
50) Acenaphthylene	14.618	152	333544	28.306	ng/ul	98
51) 3-Nitroaniline	14.783	138	62831	32.993	ng/ul	86
52) Acenaphthene	14.953	153	243230	31.231	ng/ul	95
53) 2,4-Dinitrophenol	14.989	184	25322	23.204	ng/ul	92
55) 4-Nitrophenol	15.071	109	52538	29.821	ng/ul	95
56) Dibenzofuran	15.288	168	337381	29.786	ng/ul	97
57) 2,4-Dinitrotoluene	15.241	165	80890	31.819	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.506	232	69958	30.250	ng/ul#	95
59) Diethylphthalate	15.688	149	287809	29.636	ng/ul	98
61) Fluorene	15.934	166	267793	29.717	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.923	204	141357	28.965	ng/ul	97
63) 4-Nitroaniline	15.946	138	63638	33.090	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.999	198	37875	26.833	ng/ul	96
67) N-Nitrosodiphenylamine	16.134	169	235893	32.588	ng/ul	99
68) 4-Bromophenyl-phenylether	16.816	248	84207	31.592	ng/ul	93
69) Hexachlorobenzene	16.933	284	84785	30.207	ng/ul	98
70) Atrazine	17.068	200	94299	30.596	ng/ul	95
71) Pentachlorophenol	17.274	266	54322	29.553	ng/ul	96
72) Phenanthrene	17.680	178	437768	30.633	ng/ul	99
74) Anthracene	17.768	178	436607	30.849	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.696	216	129448	34.296	ng/uL	97
76) Pentachlorobenzene	15.206	250	110216	31.963	ng/uL	98
77) Carbazole	18.032	167	402901	31.804	ng/ul	99
78) Di-n-butylphthalate	18.573	149	489517	32.609	ng/ul	99
80) Fluoranthene	19.671	202	526943	31.409	ng/ul	98
82) Pyrene	20.036	202	516030	31.192	ng/ul	98
83) Butylbenzylphthalate	20.905	149	207689	34.059	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.822	252	166191	32.094	ng/ul	94
85) Benzo(a)anthracene	21.916	228	473455	31.259	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.798	149	306698	35.001	ng/ul	97
87) Chrysene	21.986	228	456404	31.444	ng/ul	99
89) Di-n-octyl phthalate	23.085	149	513057	35.958	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	467062	30.881	ng/ul	98
91) Benzo(k)fluoranthene	24.342	252	446452	31.722	ng/ul	99
93) Benzo(a)pyrene	25.212	252	415997	28.827	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.307	276	508520	31.386	ng/ul	97
95) Dibenzo(a,h)anthracene	29.378	278	429724	31.167	ng/ul	98
96) Benzo(g,h,i)perylene	30.541	276	416510	30.495	ng/ul	97

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