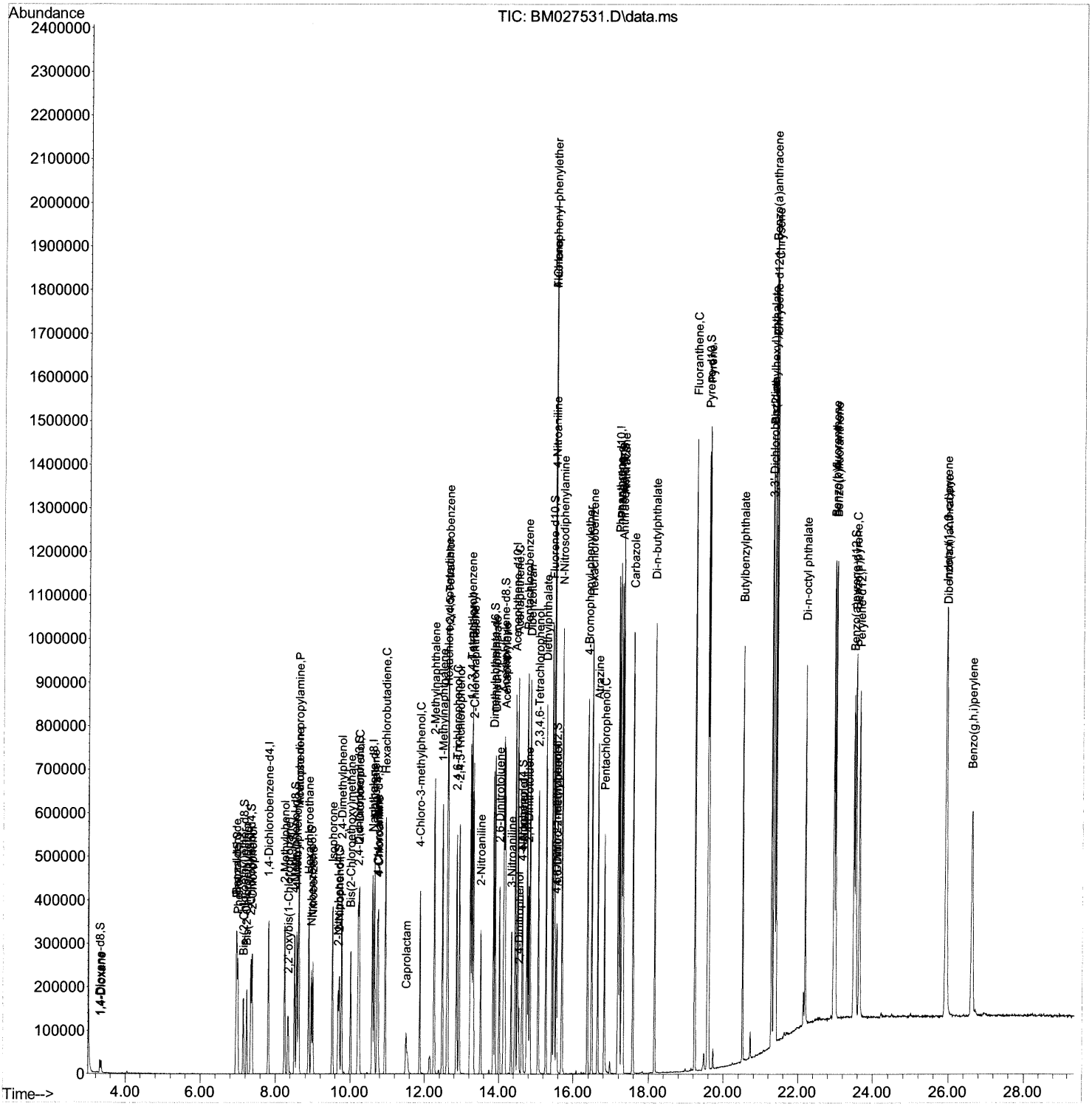
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
9/28/2020 11:11:52 AM



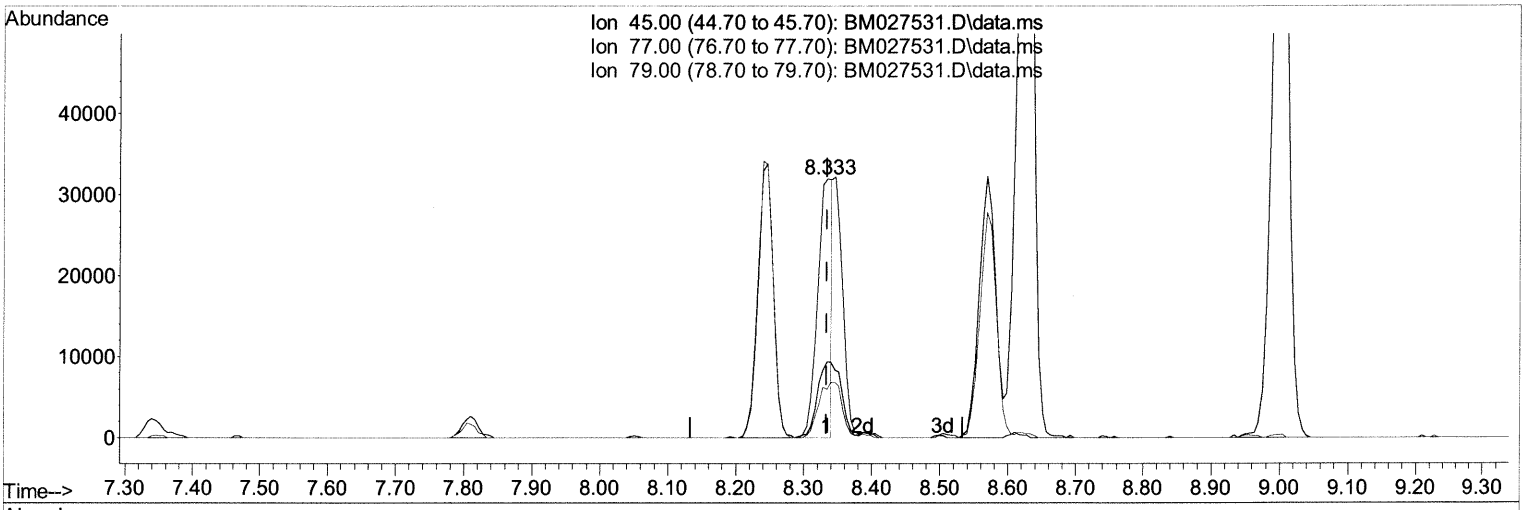
Quantitation Report (Qedit)

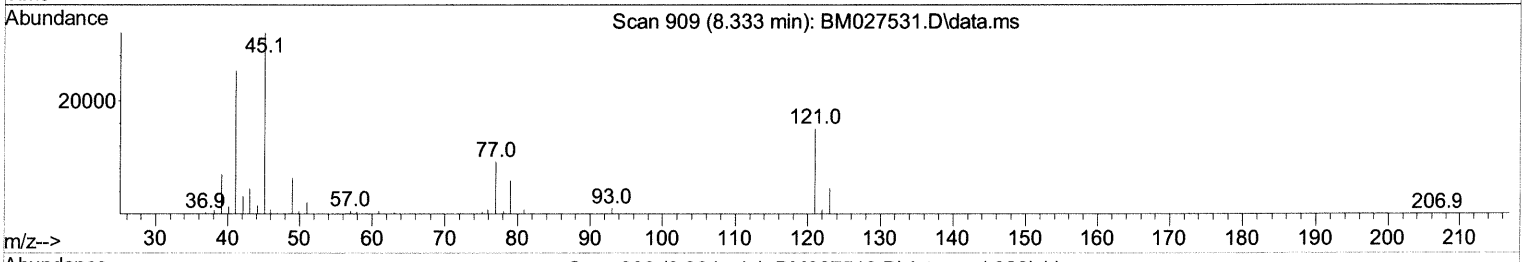
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

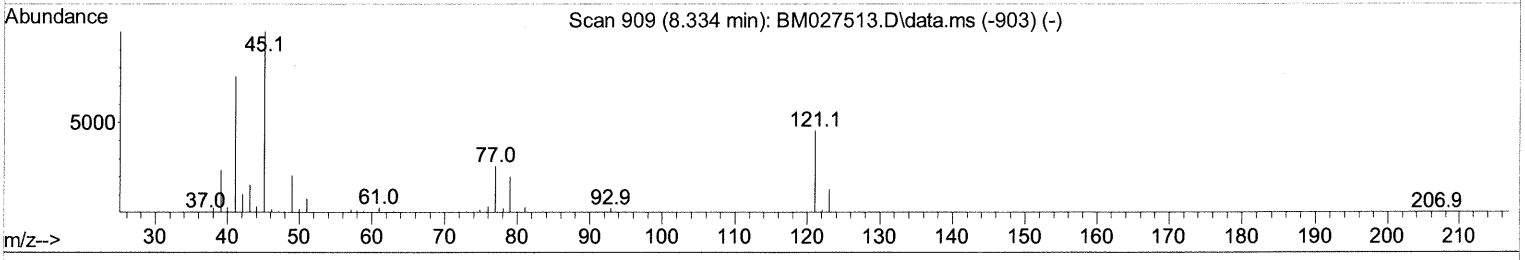
Quant Time: Sep 25 19:26:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
9/28/2020 11:11:52 AM







TIC: BM027531.D\data.ms

(12) 2,2'-oxybis(1-Chloropropane)

8.333min (-0.000) 12.03 ng/ul

response 47668

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	30.70	29.29
79.00	21.00	18.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
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Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
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Instrument :
BNA_M
LabSampleId :
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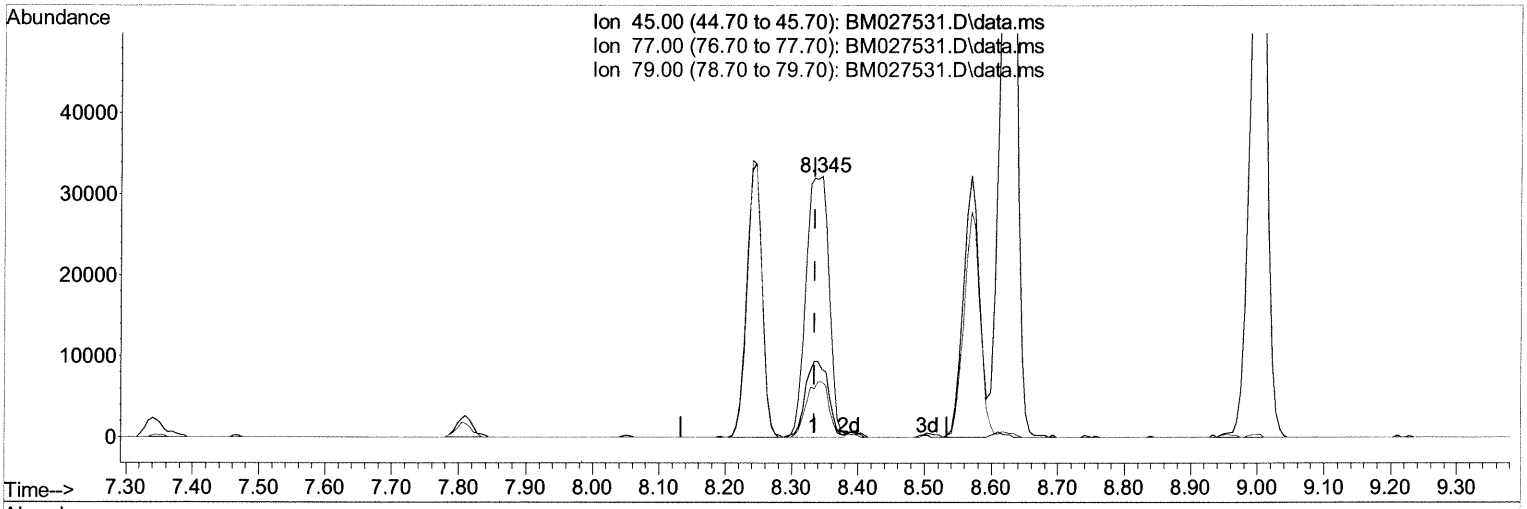
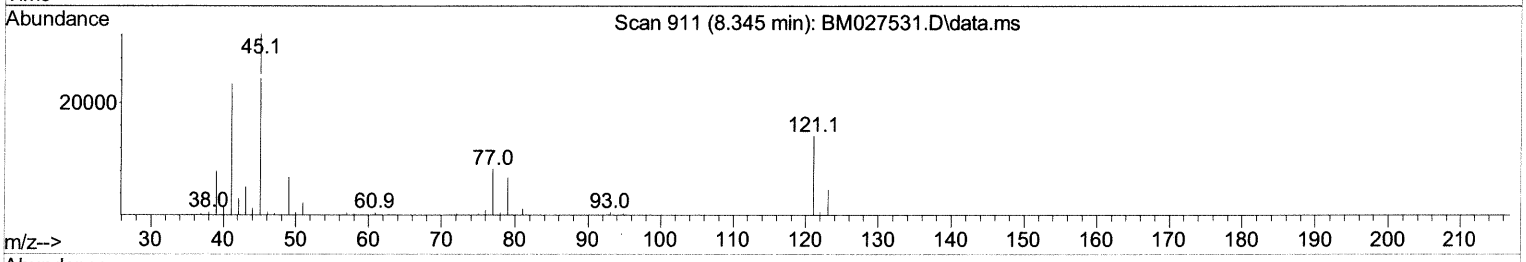
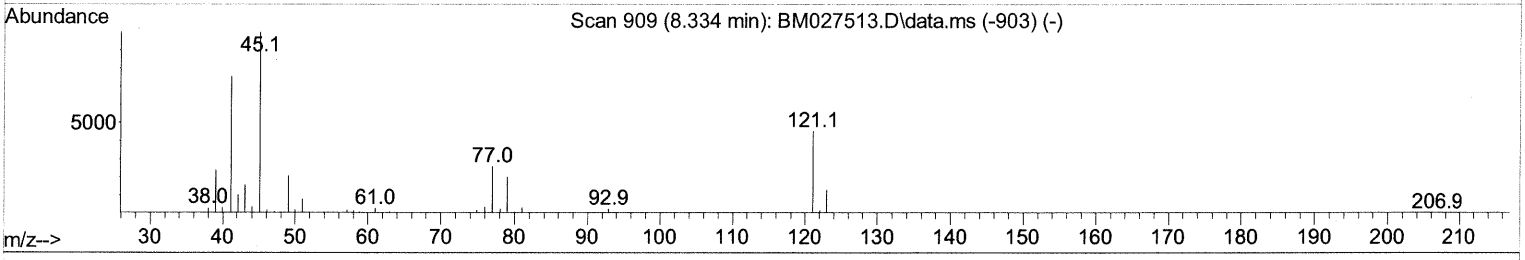
Manual Integrations APPROVED
mohammad
9/28/2020 11:11:52 AM







TIC: BM027531.D\data.ms

(12) 2,2'-oxybis(1-Chloropropane)

8.345min (+ 0.012) 19.71 ng/ul m 09/28/20 JU

response 78060

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	30.70	25.80
79.00	21.00	21.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027531.D
Acq On : 25 Sep 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02011

Manual Integrations APPROVED
mohammad
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Quant Time: Sep 25 16:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	95157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	367925	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	293095	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	717155	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	664546	20.00	ng/ul	# 0.00
86) Perylene-d12	23.632	264	596327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	14978	8.96	ng/uL	0.00
5) Phenol-d5	6.969	99	126435	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	71590	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	107630	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	109732	21.10	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	51991	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.680	143	59233	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	150133	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	149584	20.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	458516	20.22	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	537625	19.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	62956	19.81	ng/ul	0.00
58) Fluorene-d10	15.433	176	414948	20.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	68260	17.58	ng/ul	0.00
71) Anthracene-d10	17.280	188	667128	19.72	ng/ul	0.00
79) Pyrene-d10	19.568	212	749226	21.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.485	264	597383	18.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	15892	8.06	ng/uL#	91
4) Benzaldehyde	6.951	77	88384	21.01	ng/ul	84
6) Phenol	6.998	94	132518	20.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.234	93	102641	20.14	ng/ul	92
10) 2-Chlorophenol	7.375	128	115575	20.96	ng/ul#	89
11) 2-Methylphenol	8.239	108	107614	21.36	ng/ul	91
12) 2,2'-oxybis(1-Chloropr...	8.345	45	78060m>	19.71	ng/ul >	09/28/20 SU
14) Acetophenone	8.622	105	185818	22.00	ng/ul	91
15) N-Nitroso-di-n-propyla...	8.616	70	93376	22.15	ng/ul#	93
16) 4-Methylphenol	8.569	108	114536	21.38	ng/ul	97
17) Hexachloroethane	8.886	117	50973	19.35	ng/ul#	61
20) Nitrobenzene	8.998	77	140043	18.87	ng/ul#	89
21) Isophorone	9.527	82	260454	20.39	ng/ul#	93
23) 2-Nitrophenol	9.710	139	65970	21.14	ng/ul#	87
24) 2,4-Dimethylphenol	9.769	107	144965	20.93	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.010	93	146295	20.00	ng/ul	98
27) 2,4-Dichlorophenol	10.239	162	147428	20.94	ng/ul	95
28) Naphthalene	10.645	128	376253	20.03	ng/ul	99
30) 4-Chloroaniline	10.751	127	155804	22.04	ng/ul	99
31) Hexachlorobutadiene	10.939	225	136274	19.11	ng/ul	98
32) Caprolactam	11.504	113	33887	23.04	ng/ul	92
33) 4-Chloro-3-methylphenol	11.874	107	128394	22.13	ng/ul	89
34) 2-Methylnaphthalene	12.257	142	308012	21.59	ng/ul	98
35) 1-Methylnaphthalene	12.474	142	285546	20.46	ng/ul	98

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mohammad
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Quant Time: Sep 25 16:58:53 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:21:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachloroben...	12.627	216	251603	18.90	ng/ul#	95
38) Hexachlorocyclopentadiene	12.610	237	165599	18.60	ng/ul	97
39) 2,4,6-Trichlorophenol	12.863	196	149158	20.71	ng/ul	97
40) 2,4,5-Trichlorophenol	12.933	196	166044	21.66	ng/ul	99
41) 1,1'-Biphenyl	13.274	154	437022	19.55	ng/ul#	97
42) 2-Chloronaphthalene	13.310	162	362162	19.39	ng/ul	96
43) 2-Nitroaniline	13.510	65	77294	20.62	ng/ul#	82
45) Dimethylphthalate	13.898	163	470434	20.33	ng/ul	99
46) 2,6-Dinitrotoluene	14.010	165	92426	21.02	ng/ul#	84
48) Acenaphthylene	14.162	152	520032	20.15	ng/ul	99
49) 3-Nitroaniline	14.339	138	74603	21.41	ng/ul	87
50) Acenaphthene	14.504	153	361385	19.70	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	42682	16.90	ng/ul#	66
53) 4-Nitrophenol	14.639	109	70326	20.00	ng/ul	89
54) Dibenzofuran	14.839	168	564275	20.45	ng/ul	94
55) 2,4-Dinitrotoluene	14.798	165	130411	21.72	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.062	232	145928	21.87	ng/ul#	85
57) Diethylphthalate	15.268	149	447250	21.06	ng/ul	96
59) Fluorene	15.486	166	447649	19.96	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.486	204	281494	19.97	ng/ul	91
61) 4-Nitroaniline	15.498	138	77928	21.10	ng/ul	93
64) 4,6-Dinitro-2-methylph...	15.557	198	73986	17.40	ng/ul#	80
65) N-Nitrosodiphenylamine	15.698	169	403215	20.23	ng/ul	99
66) 4-Bromophenyl-phenylether	16.380	248	185991	19.46	ng/ul	93
67) Hexachlorobenzene	16.486	284	204729	19.00	ng/ul	94
68) Atrazine	16.651	200	171872	19.74	ng/ul	96
69) Pentachlorophenol	16.827	266	104183	17.71	ng/ul	98
70) Phenanthrene	17.221	178	754272	19.46	ng/ul	99
72) Anthracene	17.315	178	779617	19.79	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.233	216	251438	19.01	ng/uL	97
74) Pentachlorobenzene	14.757	250	242758	18.85	ng/uL	99
75) Carbazole	17.580	167	629711	20.14	ng/ul	98
76) Di-n-butylphthalate	18.156	149	716624	21.19	ng/ul	98
77) Fluoranthene	19.239	202	942186	19.06	ng/ul#	92
80) Pyrene	19.597	202	955837	21.13	ng/ul#	92
81) Butylbenzylphthalate	20.509	149	257268	24.36	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.280	252	283836	19.94	ng/ul#	97
83) Benzo(a)anthracene	21.344	228	872630	19.73	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.291	149	370758	22.84	ng/ul	94
85) Chrysene	21.397	228	829365	19.39	ng/ul	98
87) Di-n-octyl phthalate	22.185	149	547385	20.98	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	783694	19.84	ng/ul#	98
89) Benzo(k)fluoranthene	22.997	252	747265	18.95	ng/ul#	98
91) Benzo(a)pyrene	23.532	252	665283	18.22	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.926	276	800580	17.46	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.944	278	676570	17.54	ng/ul#	97
94) Benzo(g,h,i)perylene	26.621	276	660328	17.40	ng/ul#	95

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