Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030192.D
Acq On : 27 May 2021 09:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 10:28:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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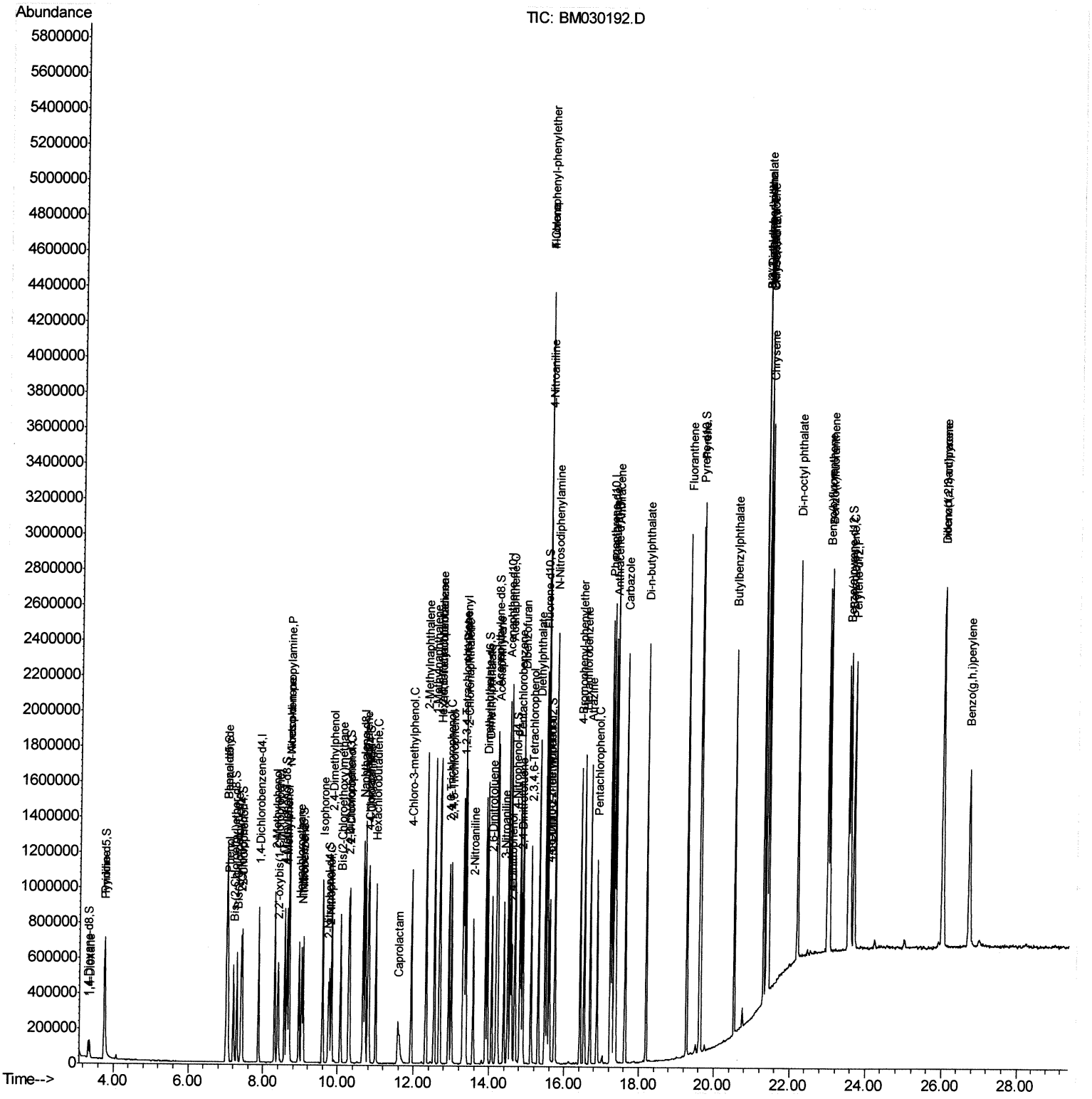

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Data File : BM030192.D
Acq On : 27 May 2021 09:24
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Quant Time: May 27 10:26:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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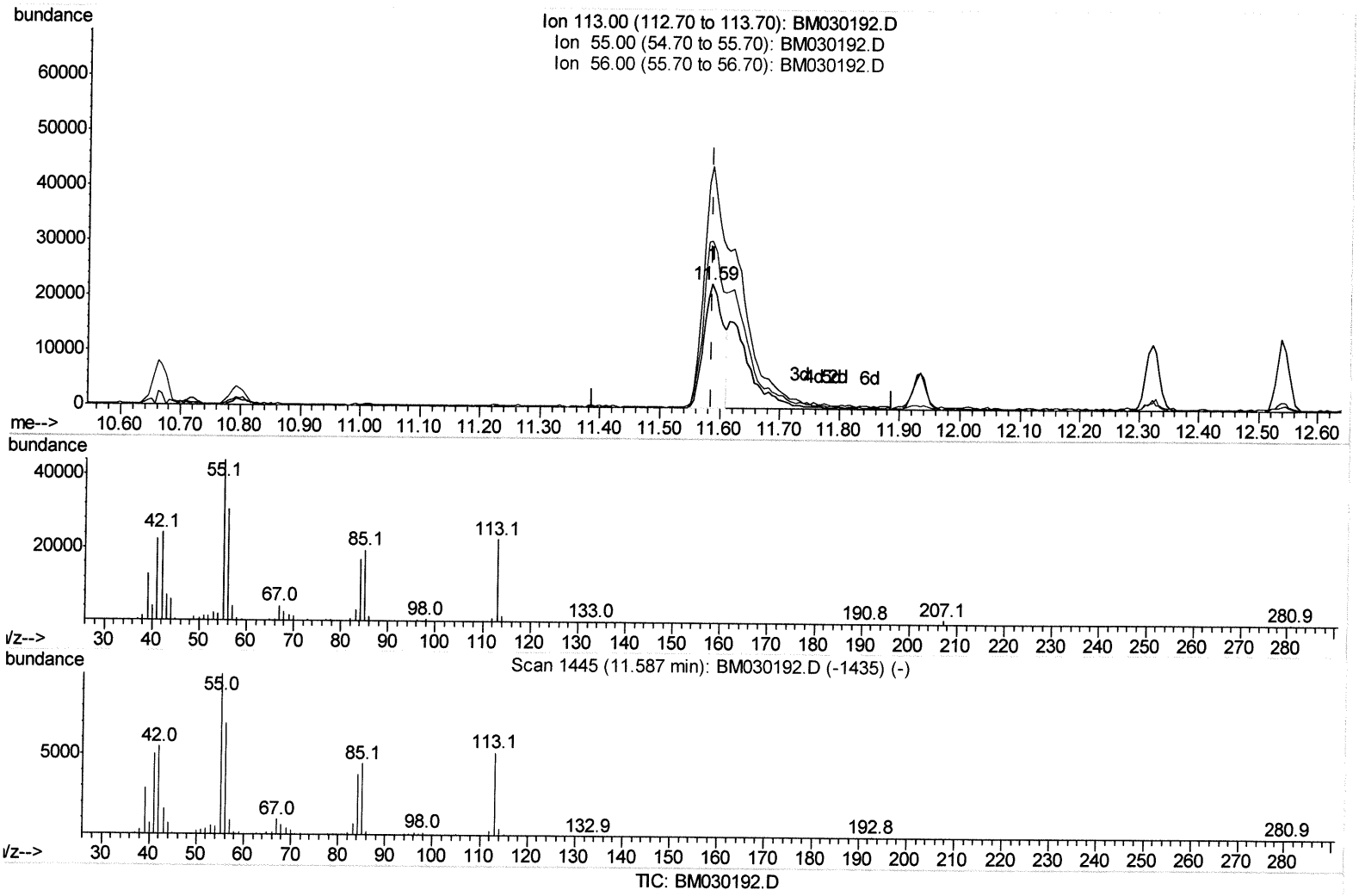

TIC: BM030192.D

(34) Caprolactam

11.587min (0.000) 10.13ng/ul

response 50088

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	194.97
56.00	134.00	134.80
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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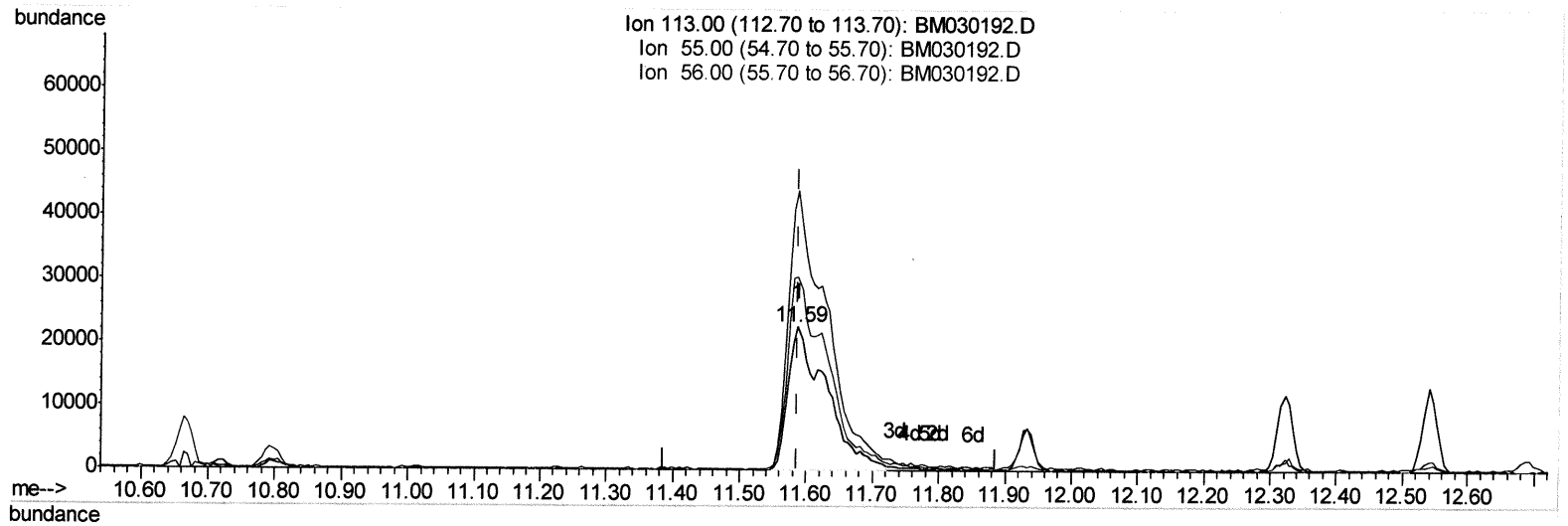
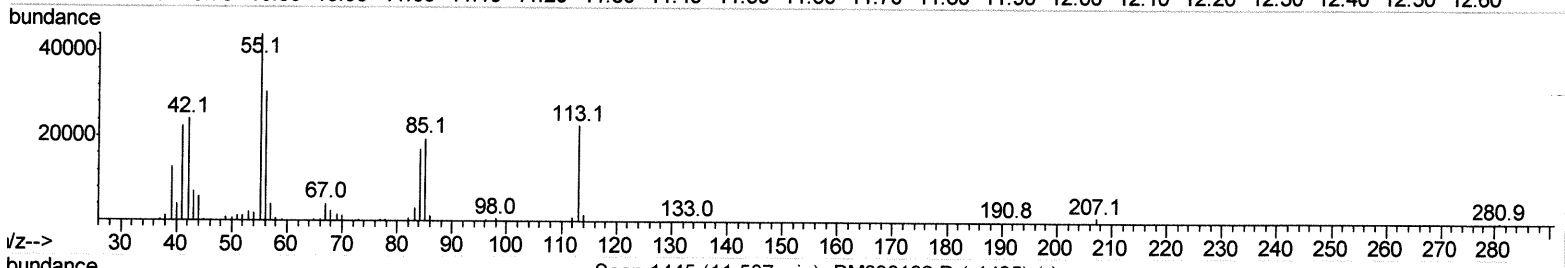
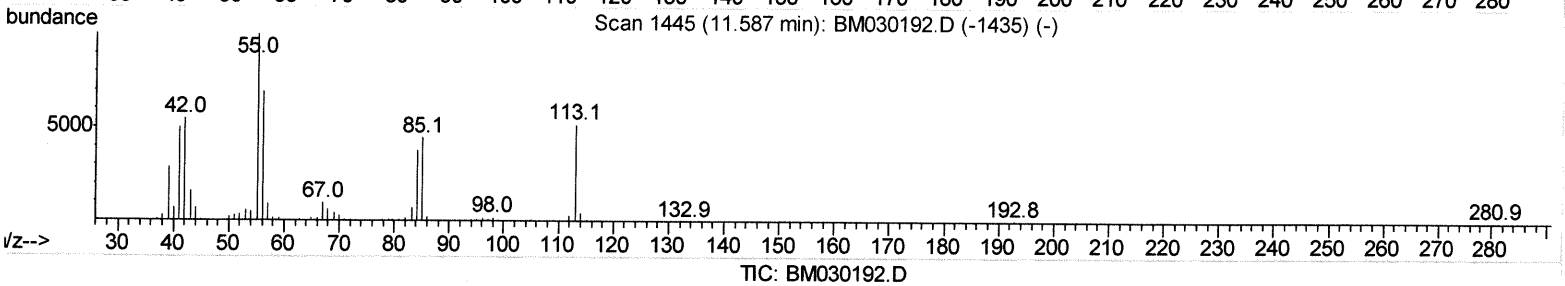




Scan 1445 (11.587 min): BM030192.D (-1435) (-)



TIC: BM030192.D

(34) Caprolactam

11.587min (0.000) 18.28ng/ul m JU 5/28/21

response 90411

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	194.97
56.00	134.00	134.80
0.00	0.00	0.00

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Quant Time: May 27 10:28:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	235769	20.00	ng/ul	0.00
20) Naphthalene-d8	10.66	136	1046275	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	698377	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1434259	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1244079	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1080283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	45673	7.93	ng/uL	0.00
4) Pyridine-d5	3.75	84	296872	18.38	ng/ul	0.00
7) Phenol-d5	7.03	99	399256	19.26	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	252011	19.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	306711	19.75	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	324370	19.71	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	142081	20.80	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	138546	21.30	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.28	165	334186	19.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	465490	18.68	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	1025636	19.21	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1307278	18.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	165037	19.13	ng/ul	0.00
60) Fluorene-d10	15.48	176	878020	18.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	132993	19.13	ng/ul	0.00
73) Anthracene-d10	17.33	188	1350106	19.02	ng/ul	0.00
81) Pyrene-d10	19.61	212	1411677	21.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	1165837	19.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	46984	7.582	ng/uL	95
5) Pyridine	3.77	79	308590	18.606	ng/ul	99
6) Benzaldehyde	7.02	77	261593	23.649	ng/ul	98
8) Phenol	7.05	94	409759	19.458	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.29	93	329310	19.482	ng/ul	98
12) 2-Chlorophenol	7.43	128	317307	19.955	ng/ul	99
13) 2-Methylphenol	8.30	108	306590	19.254	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.40	45	549384	19.559	ng/ul	99
16) Acetophenone	8.69	105	523491	19.677	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.68	70	280258	19.971	ng/ul	99
18) 4-Methylphenol	8.63	108	338040	19.716	ng/ul	100
19) Hexachloroethane	8.96	117	129416	19.009	ng/ul	96
22) Nitrobenzene	9.07	77	375232	20.296	ng/ul	100
23) Isophorone	9.60	82	732236	18.783	ng/ul	100
25) 2-Nitrophenol	9.78	139	159030	21.655	ng/ul	97
26) 2,4-Dimethylphenol	9.83	107	375925	19.240	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.07	93	463645	19.404	ng/ul	99
29) 2,4-Dichlorophenol	10.31	162	321595	19.855	ng/ul	99
30) Naphthalene	10.72	128	1086250	18.923	ng/ul	99
32) 4-Chloroaniline	10.82	127	486303	18.847	ng/ul	100
33) Hexachlorobutadiene	11.00	225	202864	18.382	ng/ul	97
34) Caprolactam	11.59	113	90411m	18.277	ng/ul	

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Quant Time: May 27 10:28:00 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	338655	19.946 ng/ul	99
36) 2-Methylnaphthalene	12.32	142	819209	19.086 ng/ul	97
37) 1-Methylnaphthalene	12.54	142	802844	19.240 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	432339	19.080 ng/ul	99
40) Hexachlorocyclopentadiene	12.67	237	269427	16.968 ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	261521	20.563 ng/ul	99
42) 2,4,5-Trichlorophenol	12.99	196	284027	20.642 ng/ul	100
43) 1,1'-Biphenyl	13.33	154	1058953	19.013 ng/ul	99
44) 2-Chloronaphthalene	13.37	162	815032	19.036 ng/ul	99
45) 2-Nitroaniline	13.57	65	209670	21.319 ng/ul	95
47) Dimethylphthalate	13.95	163	1008091	19.114 ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	183940	21.884 ng/ul	98
50) Acenaphthylene	14.22	152	1269136	19.096 ng/ul	99
51) 3-Nitroaniline	14.39	138	199895	20.405 ng/ul#	98
52) Acenaphthene	14.56	153	886673	18.887 ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	141553	26.824 ng/ul	97
55) 4-Nitrophenol	14.69	109	146983	15.516 ng/ul	96
56) Dibenzofuran	14.89	168	1236079	19.022 ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	262515	21.535 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	237919	20.477 ng/ul	98
59) Diethylphthalate	15.31	149	1013440	18.970 ng/ul	99
61) Fluorene	15.54	166	1049641	19.039 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	514447	19.031 ng/ul	99
63) 4-Nitroaniline	15.55	138	208022	20.651 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.61	198	134933	18.812 ng/ul	97
67) N-Nitrosodiphenylamine	15.75	169	908640	19.423 ng/ul	98
68) 4-Bromophenyl-phenylether	16.42	248	306790	19.004 ng/ul	98
69) Hexachlorobenzene	16.54	284	347525	18.834 ng/ul	98
70) Atrazine	16.69	200	304513	18.148 ng/ul	99
71) Pentachlorophenol	16.88	266	194649	17.273 ng/ul	99
72) Phenanthrene	17.27	178	1598461	19.017 ng/ul	100
74) Anthracene	17.36	178	1645296	19.083 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	451227	19.283 ng/uL	98
76) Pentachlorobenzene	14.82	250	415295	19.132 ng/uL	99
77) Carbazole	17.63	167	1443755	18.479 ng/ul	99
78) Di-n-butylphthalate	18.19	149	1619044	18.656 ng/ul	100
80) Fluoranthene	19.28	202	1754505	21.523 ng/ul	97
82) Pyrene	19.64	202	1814423	21.296 ng/ul	100
83) Butylbenzylphthalate	20.53	149	587798	20.212 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	516322	19.602 ng/ul	100
85) Benzo(a)anthracene	21.37	228	1588154	19.375 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.30	149	872657	18.701 ng/ul	99
87) Chrysene	21.42	228	1520462	19.056 ng/ul	99
89) Di-n-octyl phthalate	22.19	149	1333678	19.200 ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	1417487	19.580 ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	1406932	19.708 ng/ul	99
93) Benzo(a)pyrene	23.58	252	1232456	19.288 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.02	276	1486865	18.577 ng/ul	98
95) Dibenzo(a,h)anthracene	26.03	278	1252566	18.719 ng/ul	99
96) Benzo(g,h,i)perylene	26.73	276	1215098	18.581 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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