Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007642.D
Acq On : 25 Oct 2021 14:26
Operator : CG/JU
Sample : SSTD040632
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 25 15:39:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 14:35:18 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040632

Manual Integrations APPROVED
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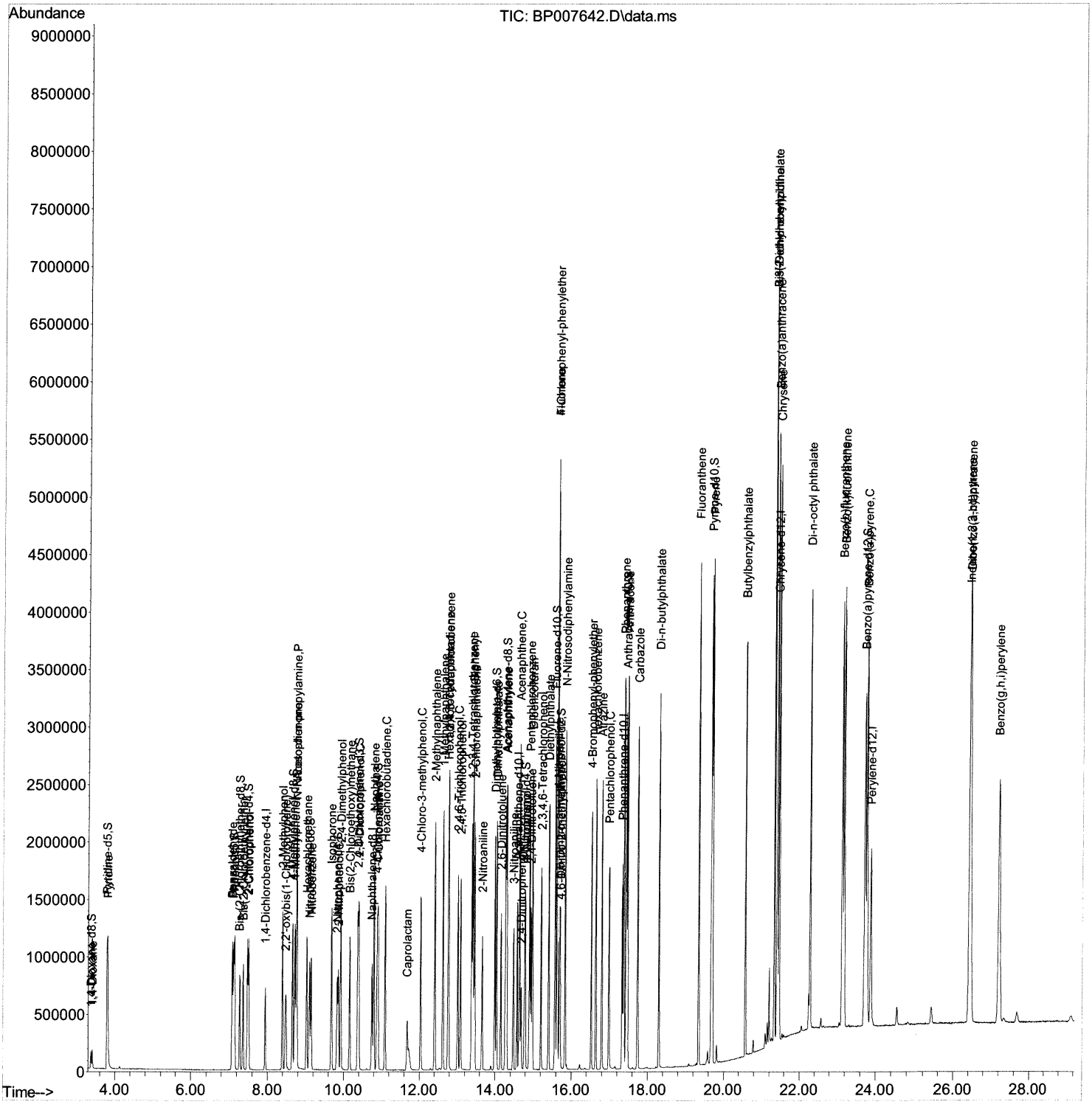
10/26/2021 11:34:27 AM



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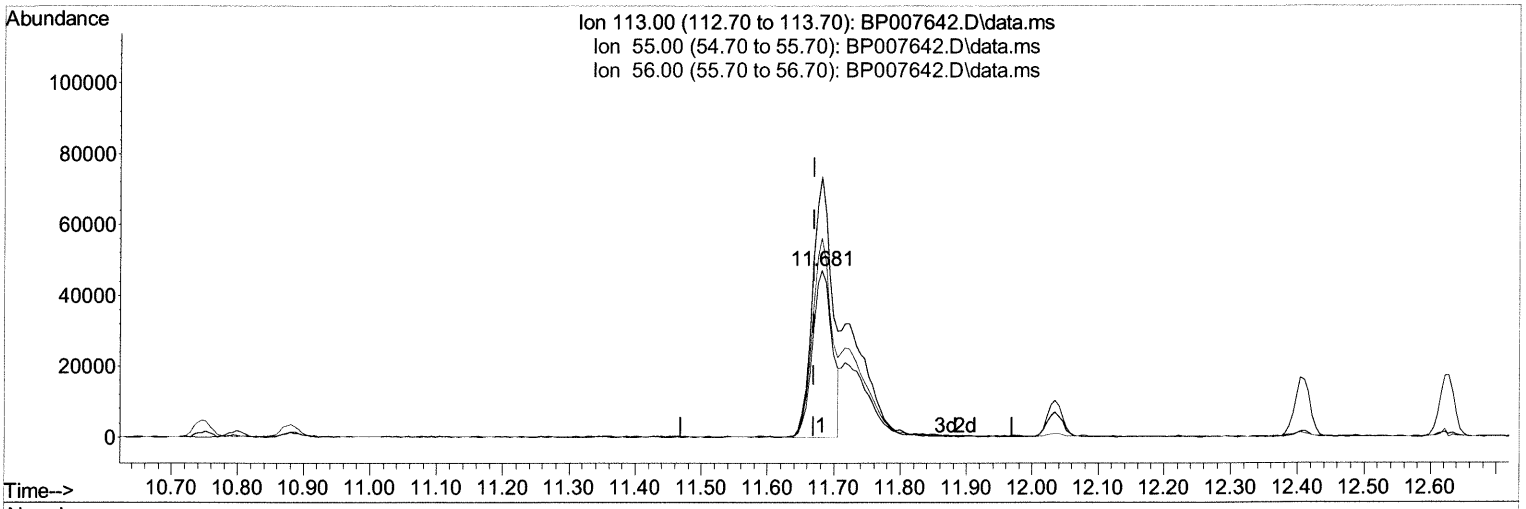

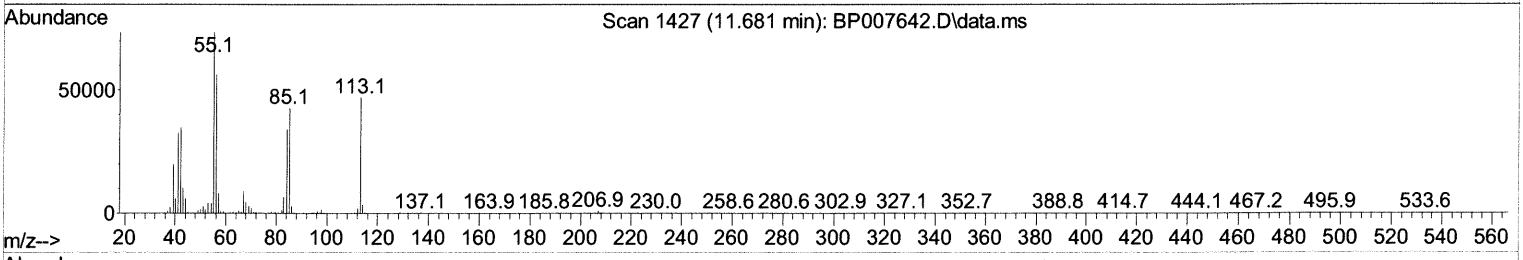

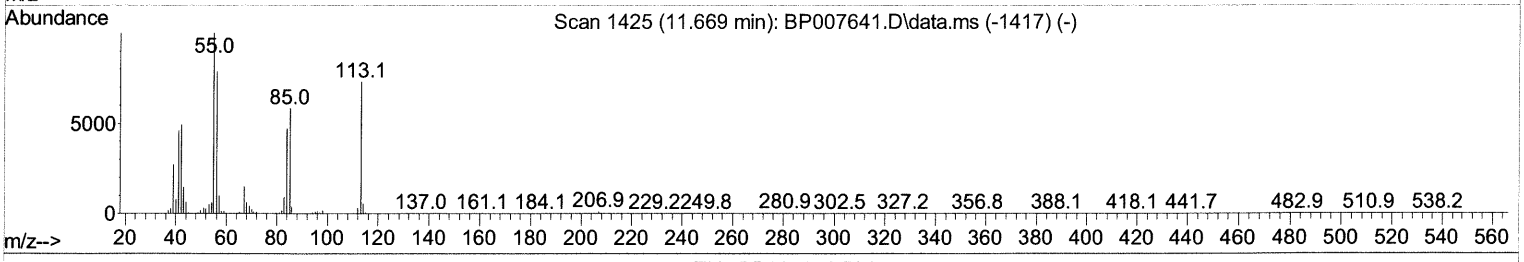

TIC: BP007642.D\data.ms

(34) Caprolactam

11.681min (+ 0.012) 32.44 ng/ul

response 95540

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.13
56.00	120.30	119.56
0.00	0.00	0.00

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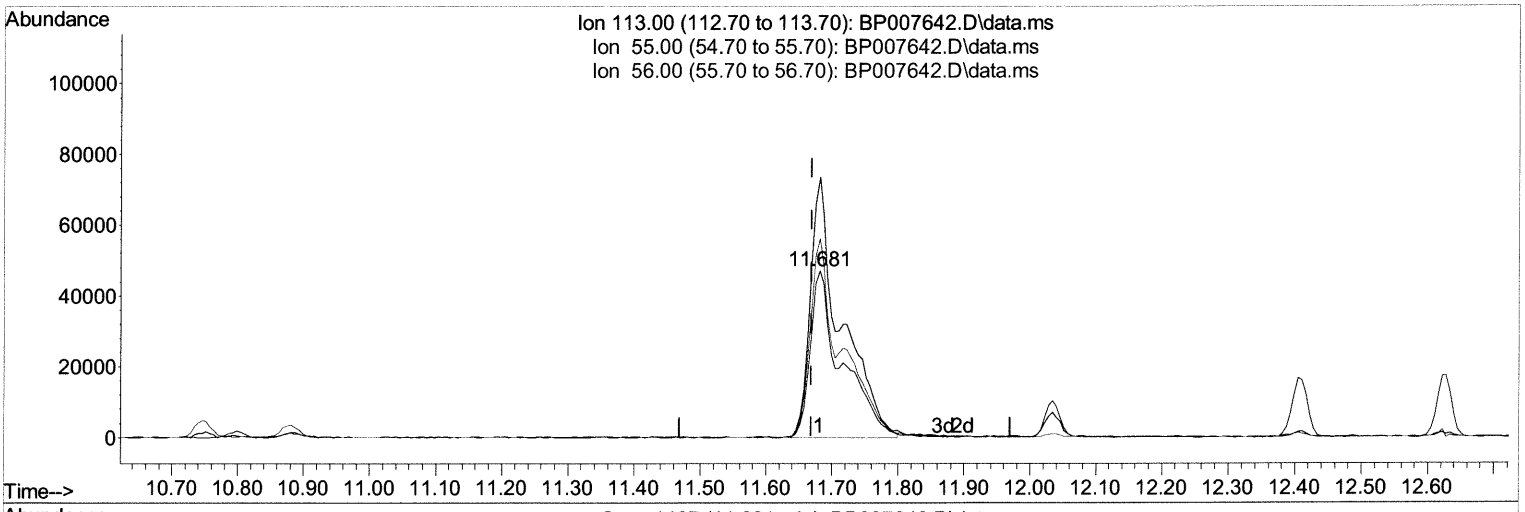

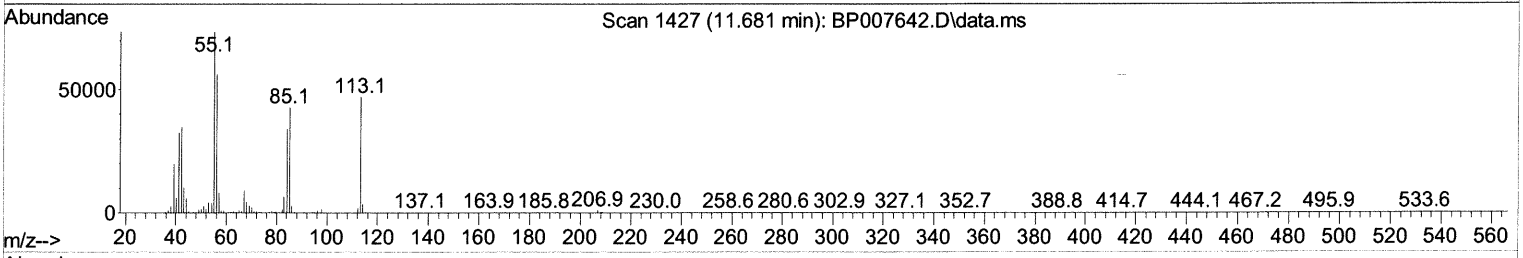

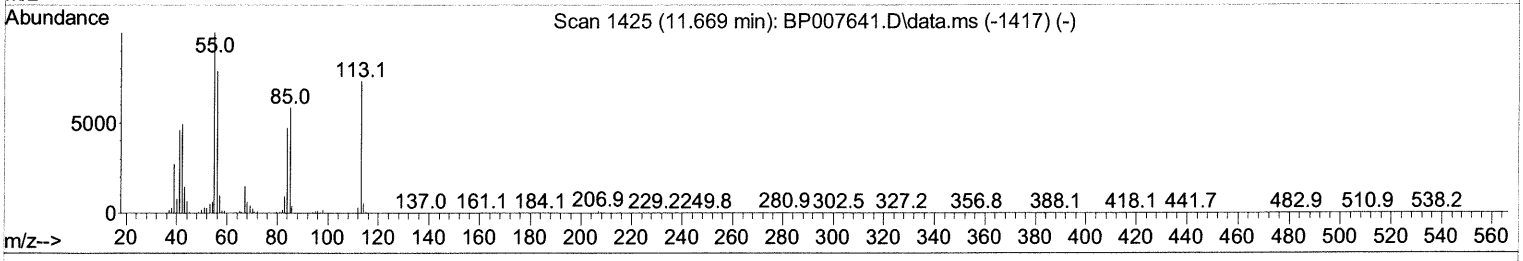

TIC: BP007642.D\data.ms

(34) Caprolactam

11.681min (+ 0.012) 53.15 ng/ul m 10/27/21 JU

response 156514

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.13
56.00	120.30	119.56
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	198598	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	792172	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	502300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1085107	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1112796	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1218041	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	72163	14.351	ng/uL	0.00
4) Pyridine-d5	3.787	84	545804	39.653	ng/ul	0.00
7) Phenol-d5	7.111	99	619309	39.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	349848	37.820	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	506462	41.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	492757	41.247	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	235037	46.883	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	261938	55.938	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	514293	45.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	638115	41.315	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1424697	40.997	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1768480	40.494	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	258592	46.375	ng/ul	0.00
60) Fluorene-d10	15.575	176	1182641	40.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	232144	53.391	ng/ul	0.00
73) Anthracene-d10	17.434	188	1824645	39.595	ng/ul	0.00
81) Pyrene-d10	19.669	212	2183914	39.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	2493262	41.138	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	81393	14.881	ng/uL	89
5) Pyridine	3.805	79	533107	40.046	ng/ul	99
6) Benzaldehyde	7.075	77	378319	43.414	ng/ul	99
8) Phenol	7.134	94	627340	39.562	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	501565	39.193	ng/ul	99
12) 2-Chlorophenol	7.505	128	509578	40.681	ng/ul	98
13) 2-Methylphenol	8.387	108	477167	39.948	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	572432	35.101	ng/ul	98
16) Acetophenone	8.763	105	737851	40.375	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.758	70	358864	37.956	ng/ul	93
18) 4-Methylphenol	8.716	108	510286	40.110	ng/ul	100
19) Hexachloroethane	9.028	117	208046	39.670	ng/ul	90
22) Nitrobenzene	9.146	77	543658	42.237	ng/ul	96
23) Isophorone	9.675	82	1035336	38.422	ng/ul	97
25) 2-Nitrophenol	9.858	139	279698	51.529	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	569560	41.098	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.158	93	653579	39.143	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	499331	44.479	ng/ul	97
30) Naphthalene	10.799	128	1534606	39.833	ng/ul	99
32) 4-Chloroaniline	10.905	127	649461	41.556	ng/ul	100
33) Hexachlorobutadiene	11.093	225	354520	44.980	ng/ul	100
34) Caprolactam	11.681	113	156514m	> 53.150	ng/ul	>
35) 4-Chloro-3-methylphenol	12.034	107	518049	42.480	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1061828	40.326	ng/ul	98
37) 1-Methylnaphthalene	12.628	142	1068193	40.074	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	633494	43.632	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	394325	43.071	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	412850	48.356	ng/ul	96
42) 2,4,5-Trichlorophenol	13.087	196	448138	50.418	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1414509	39.510	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1098802	39.847	ng/ul	99
45) 2-Nitroaniline	13.657	65	305898	47.714	ng/ul	91
47) Dimethylphthalate	14.040	163	1402103	40.620	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	292188	51.047	ng/ul	94
50) Acenaphthylene	14.304	152	1738873	39.491	ng/ul	100
51) 3-Nitroaniline	14.481	138	301779	47.316	ng/ul#	92
52) Acenaphthene	14.646	153	1140112	39.985	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	156575	59.216	ng/ul	96
55) 4-Nitrophenol	14.793	109	221702	44.009	ng/ul	95
56) Dibenzofuran	14.981	168	1653821	39.946	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	410971	51.118	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.210	232	366626	49.706	ng/ul	94
59) Diethylphthalate	15.410	149	1376782	40.003	ng/ul	98
61) Fluorene	15.628	166	1280500	40.821	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	671382	42.036	ng/ul	98
63) 4-Nitroaniline	15.645	138	286381	50.650	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	236221	52.521	ng/ul	96
67) N-Nitrosodiphenylamine	15.840	169	1144569	39.179	ng/ul	100
68) 4-Bromophenyl-phenylether	16.522	248	442761	45.296	ng/ul	95
69) Hexachlorobenzene	16.640	284	508775	43.271	ng/ul	98
70) Atrazine	16.798	200	468890	42.397	ng/ul	99
71) Pentachlorophenol	16.987	266	310120	47.647	ng/ul	99
72) Phenanthrene	17.375	178	2135704	39.370	ng/ul	99
74) Anthracene	17.469	178	2118344	39.044	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	664142	42.198	ng/uL	99
76) Pentachlorobenzene	14.904	250	638268	43.505	ng/uL	99
77) Carbazole	17.739	167	1946238	40.838	ng/ul	100
78) Di-n-butylphthalate	18.298	149	2350640	40.150	ng/ul	99
80) Fluoranthene	19.339	202	2663604	38.588	ng/ul	99
82) Pyrene	19.698	202	2671553	38.381	ng/ul	96
83) Butylbenzylphthalate	20.575	149	1111043	43.476	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.339	252	930997	43.972	ng/ul#	97
85) Benzo(a)anthracene	21.410	228	2718375	39.759	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1593595	40.788	ng/ul	99
87) Chrysene	21.463	228	2629867	39.706	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2844455	41.386	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	3016679	40.692	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2723477	39.399	ng/ul	98
93) Benzo(a)pyrene	23.763	252	2866942	40.429	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	3454823	42.055	ng/ul	98
95) Dibenzo(a,h)anthracene	26.457	278	2941421	42.048	ng/ul	98
96) Benzo(g,h,i)perylene	27.221	276	2946220	41.642	ng/ul	96

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