Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007426.D
Acq On : 14 Oct 2021 21:09
Operator : CG/JU
Sample : PB139839BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 14 23:43:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS839

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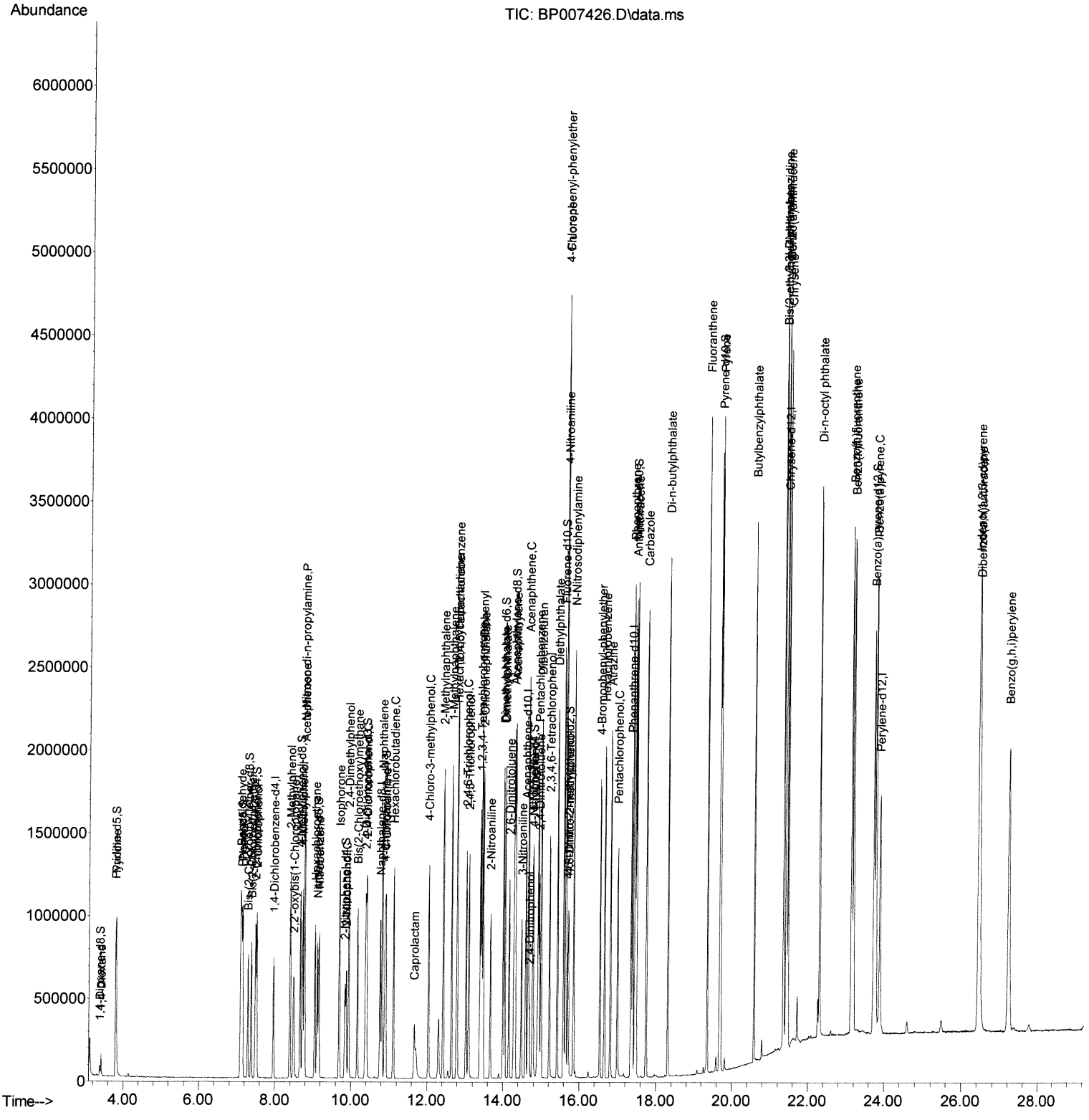

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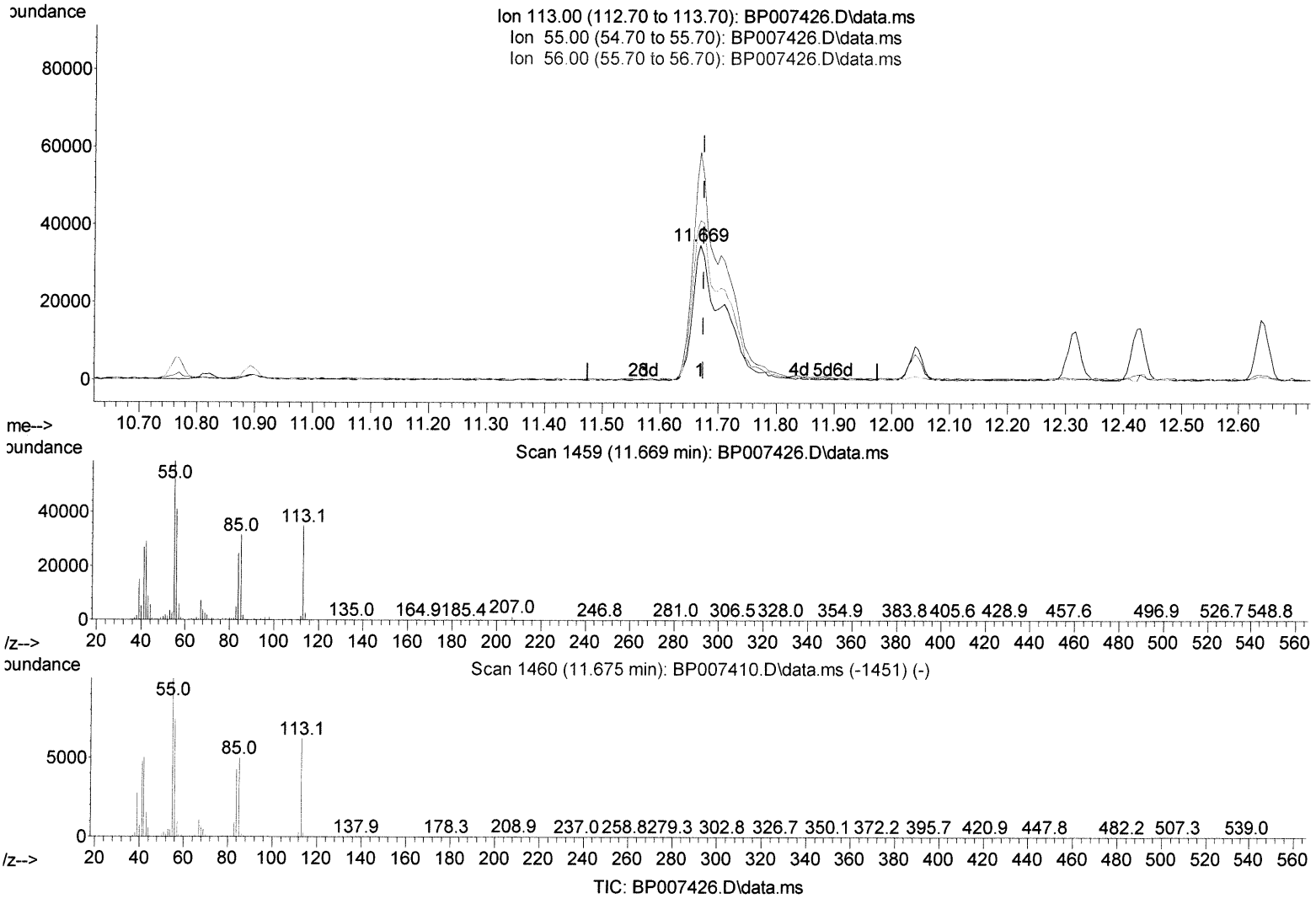

(34) Caprolactam

11.669min (-0.006) 23.89 ng/ul

response 72129

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	168.94
56.00	120.30	118.13
0.00	0.00	0.00

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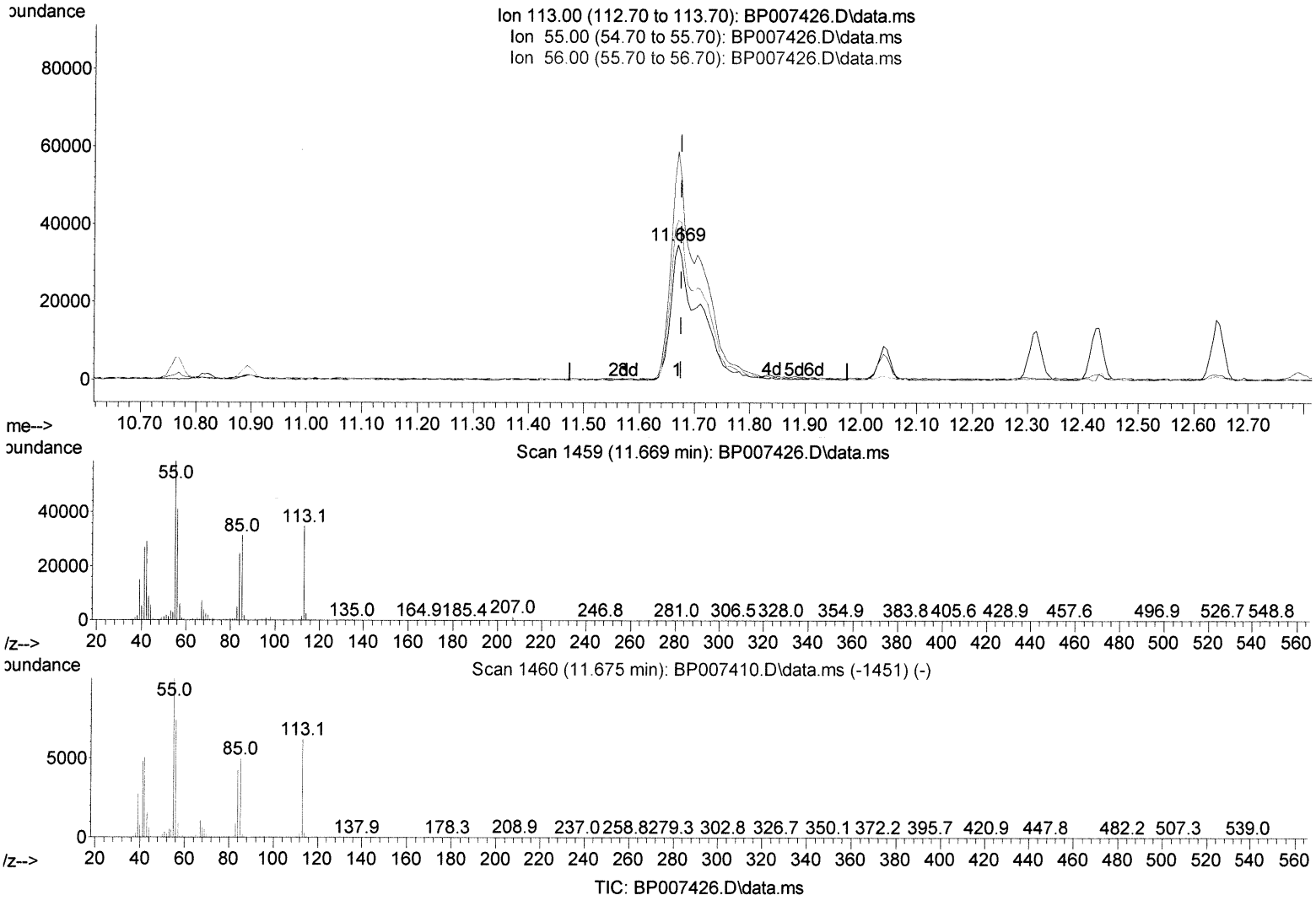

(34) Caprolactam

11.669min (-0.006) 41.19 ng/ul m

JU 10/19/21

response 124358

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	168.94
56.00	120.30	118.13
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	7.963	152	200533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	812266	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	500032	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.345	188	1062683	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	1028446	20.000	ng/ul	-0.02
88) Perylene-d12	23.880	264	1092968	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	32441	6.389	ng/uL	0.00
4) Pyridine-d5	3.793	84	441978	31.800	ng/ul	0.00
7) Phenol-d5	7.116	99	536038	34.228	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	321030	34.369	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	428476	34.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	424599	35.199	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	191754	37.303	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	181883	37.881	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.381	165	413383	35.298	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	500850	31.625	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1241357	35.883	ng/ul	-0.01
49) Acenaphthylene-d8	14.286	160	1509840	34.728	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	218661	39.392	ng/ul	0.00
60) Fluorene-d10	15.586	176	1031529	35.631	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	151642	35.613	ng/ul	0.00
73) Anthracene-d10	17.445	188	1603730	35.535	ng/ul	-0.01
81) Pyrene-d10	19.674	212	1911801	37.185	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	1913432	35.184	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	67233	12.173	ng/uL	94
5) Pyridine	3.811	79	436799	32.495	ng/ul	97
6) Benzaldehyde	7.093	77	352410	40.051	ng/ul	98
8) Phenol	7.140	94	547897	34.219	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	442640	34.254	ng/ul	99
12) 2-Chlorophenol	7.522	128	430872	34.066	ng/ul	99
13) 2-Methylphenol	8.399	108	416001	34.492	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	555020	33.704	ng/ul	100
16) Acetophenone	8.781	105	627665	34.014	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	313243	32.811	ng/ul	98
18) 4-Methylphenol	8.728	108	442753	34.466	ng/ul	98
19) Hexachloroethane	9.051	117	176198	33.273	ng/ul	97
22) Nitrobenzene	9.157	77	463190	35.095	ng/ul	98
23) Isophorone	9.687	82	930124	33.664	ng/ul	99
25) 2-Nitrophenol	9.875	139	204516	36.746	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	481740	33.901	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	576028	33.645	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	399774	34.730	ng/ul	99
30) Naphthalene	10.816	128	1304186	33.014	ng/ul	100
32) 4-Chloroaniline	10.916	127	488316	30.472	ng/ul	99
33) Hexachlorobutadiene	11.116	225	271052	33.540	ng/ul	96
34) Caprolactam	11.669	113	124358m	41.185	ng/ul	>> JU 10/19/21
35) 4-Chloro-3-methylphenol	12.040	107	442943	35.423	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	898017	33.261	ng/ul	98
37) 1-Methylnaphthalene	12.645	142	899284	32.903	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	491573	34.011	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	293927	32.251	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	315327	37.101	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	341209	38.562	ng/ul	97
43) 1,1'-Biphenyl	13.434	154	1185697	33.269	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	914578	33.317	ng/ul	100
45) 2-Nitroaniline	13.663	65	247316	38.751	ng/ul	97
47) Dimethylphthalate	14.051	163	1203593	35.027	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	223557	39.234	ng/ul	97
50) Acenaphthylene	14.316	152	1485394	33.887	ng/ul	99
51) 3-Nitroaniline	14.486	138	222181	34.994	ng/ul	97
52) Acenaphthene	14.657	153	957695	33.740	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	90271	34.295	ng/ul	93
55) 4-Nitrophenol	14.786	109	183167	36.525	ng/ul	100
56) Dibenzofuran	14.992	168	1394052	33.824	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	325772	40.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	277557	37.801	ng/ul	97
59) Diethylphthalate	15.422	149	1213971	35.433	ng/ul	99
61) Fluorene	15.645	166	1036960	33.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	528850	33.262	ng/ul	99
63) 4-Nitroaniline	15.651	138	231451	41.120	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	157822	35.830	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	980841	34.283	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	337925	35.301	ng/ul	98
69) Hexachlorobenzene	16.651	284	401093	34.833	ng/ul	99
70) Atrazine	16.804	200	386738	35.706	ng/ul	99
71) Pentachlorophenol	16.992	266	232697	36.506	ng/ul	97
72) Phenanthrene	17.386	178	1845585	34.740	ng/ul	99
74) Anthracene	17.480	178	1825137	34.350	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	499726	32.422	ng/uL	98
76) Pentachlorobenzene	14.916	250	468916	32.636	ng/uL	99
77) Carbazole	17.745	167	1728726	37.039	ng/ul	100
78) Di-n-butylphthalate	18.310	149	2116600	36.915	ng/ul	100
80) Fluoranthene	19.351	202	2287684	35.861	ng/ul	100
82) Pyrene	19.704	202	2276000	35.380	ng/ul	99
83) Butylbenzylphthalate	20.580	149	908784	38.478	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	684591	34.986	ng/ul	98
85) Benzo(a)anthracene	21.416	228	2233643	35.348	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1353565	37.486	ng/ul	99
87) Chrysene	21.468	228	2154075	35.189	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	2347805	38.069	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2360682	35.487	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2206083	35.566	ng/ul	100
93) Benzo(a)pyrene	23.774	252	2265250	35.600	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	2664367	36.144	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	2269336	36.153	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	2296853	36.179	ng/ul	99

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