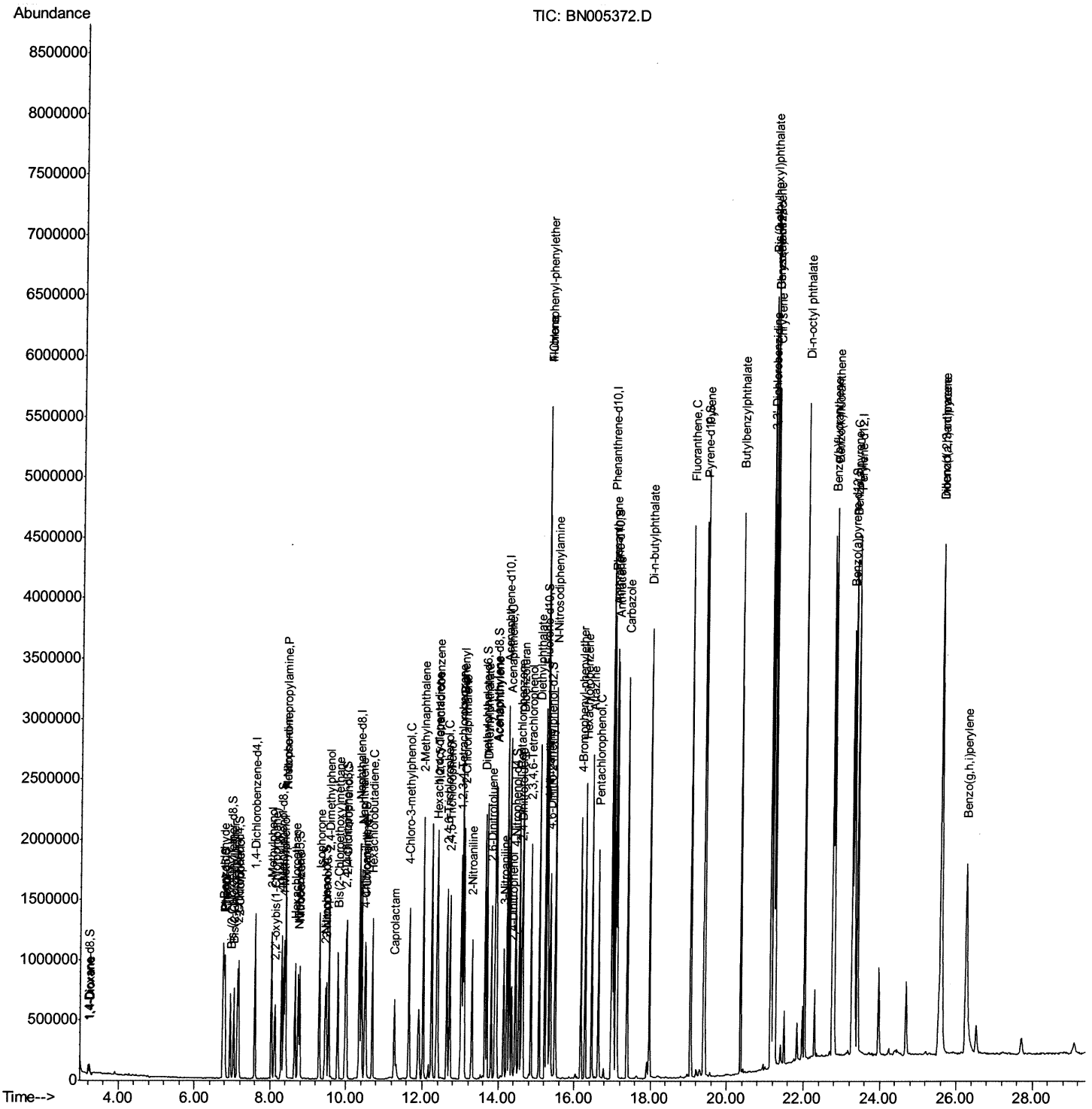
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005372.D
Acq On : 30 Apr 2019 15:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 06:38:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02086

Manual Integrations APPROVED
Sohil
5/1/2019 12:05:43 PM



Quantitation Report (Qedit)

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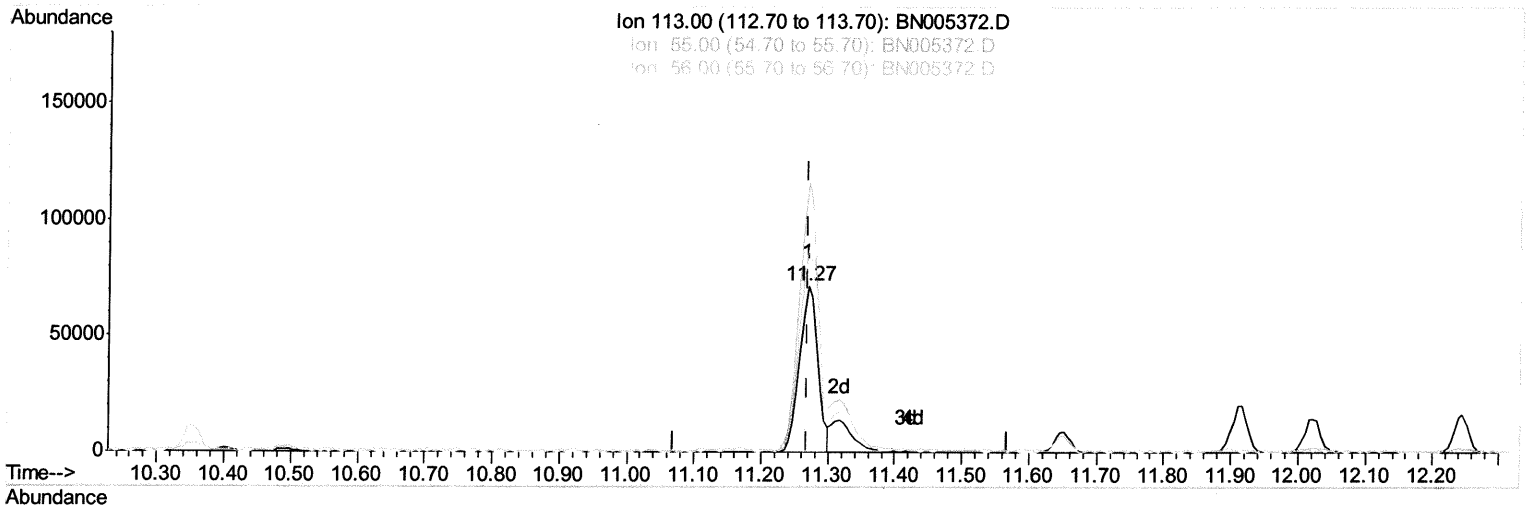

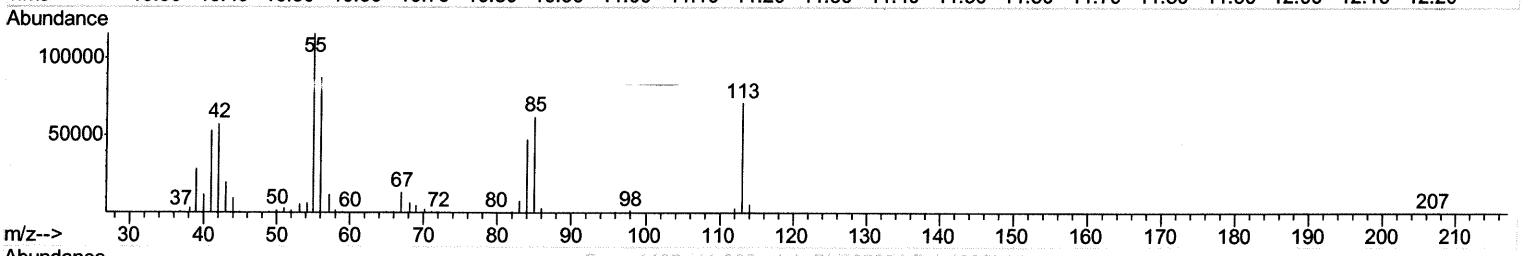

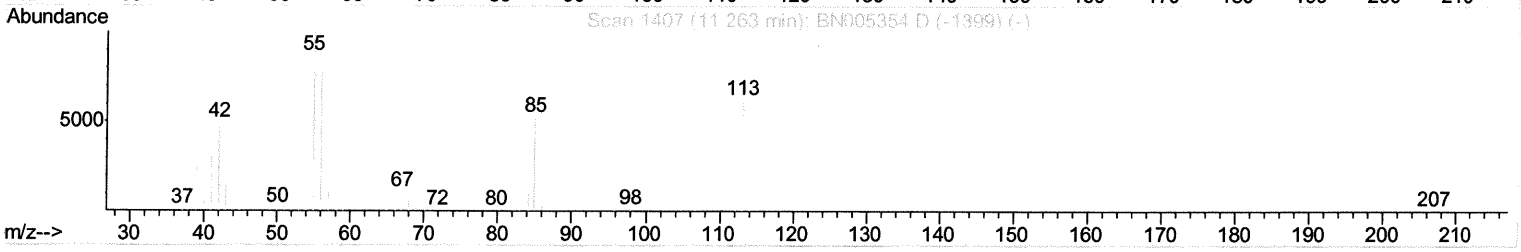

TIC: BN005372.D

(32) Caprolactam

11.269min (+0.000) 19.81ng/ul

response 135091

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.48
56.00	148.90	123.03
0.00	0.00	0.00

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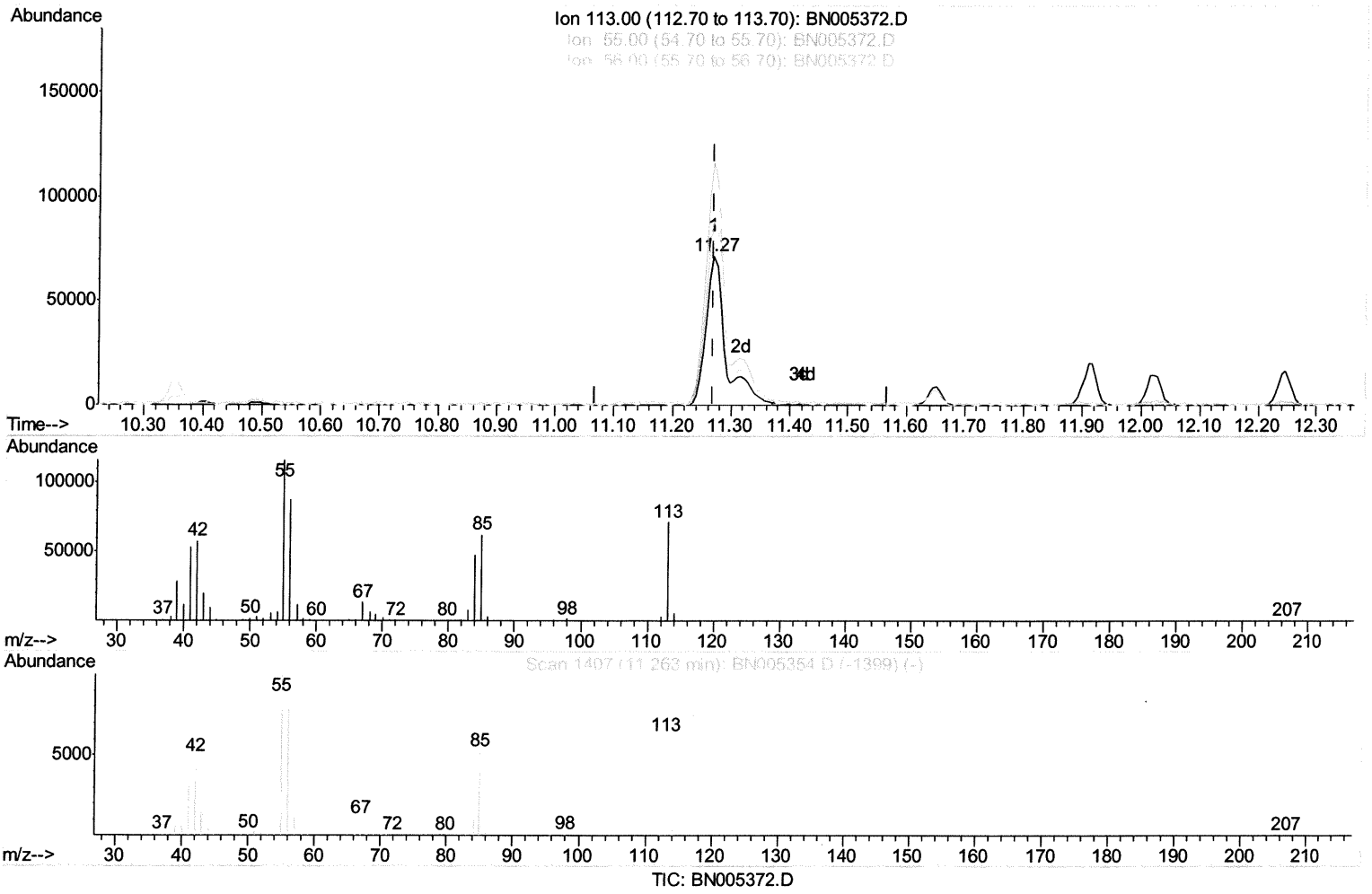

(32) Caprolactam

11.269min (+0.000) 24.32ng/ul m SJ 05/03/19

response 165819

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.48
56.00	148.90	123.03
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
5/1/2019 12:05:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	364913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1596740	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1050550	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2581931	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2720199	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	3042064	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	41495	5.49	ng/uL	0.00
5) Phenol-d5	6.78	99	524515	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	292722	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	416535	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	428945	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	209570	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	240483	24.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	453857	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	481112	20.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1439828	18.88	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1743406	18.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	274966	22.84	ng/ul	0.00
57) Fluorene-d10	15.23	176	1221827	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	271103	23.35	ng/ul	0.00
70) Anthracene-d10	17.08	188	2002198	18.50	ng/ul	0.00
78) Pyrene-d10	19.39	212	2366606	17.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2472928	18.60	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	41303	5.081	ng/uL#	94
4) Benzaldehyde	6.75	77	360127	17.731	ng/ul	98
6) Phenol	6.80	94	536433	18.197	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.03	93	413082	17.500	ng/ul	93
10) 2-Chlorophenol	7.16	128	421462	18.587	ng/ul	93
11) 2-Methylphenol	8.03	108	407976	18.469	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	576444	14.544	ng/ul#	94
14) Acetophenone	8.40	105	672648	18.760	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	343291	17.899	ng/ul	90
16) 4-Methylphenol	8.36	108	452050	18.949	ng/ul	95
17) Hexachloroethane	8.65	117	173899	17.660	ng/ul	90
20) Nitrobenzene	8.78	77	482494	17.839	ng/ul	93
21) Isophorone	9.29	82	983421	18.364	ng/ul	97
23) 2-Nitrophenol	9.48	139	255088	22.594	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	518369	18.337	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	587259	17.450	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	438733	19.466	ng/ul	99
28) Naphthalene	10.40	128	1362262	18.352	ng/ul	99
30) 4-Chloroaniline	10.52	127	488190	20.350	ng/ul	99
31) Hexachlorobutadiene	10.69	225	293953	18.468	ng/ul	100
32) Caprolactam	11.27	113	165819m>	24.315	ng/ul	100
33) 4-Chloro-3-methylphenol	11.65	107	497020	19.584	ng/ul	94
34) 2-Methylnaphthalene	12.02	142	1026018	18.877	ng/ul	100

SJ 05/03/19

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Sohil
5/1/2019 12:05:43 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	588270	18.094 ng/ul	99
37) Hexachlorocyclopentadiene	12.38	237	404676	18.256 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	389610	19.873 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	418754	19.878 ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1363099	17.414 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1062952	17.656 ng/ul	96
42) 2-Nitroaniline	13.30	65	326582	20.453 ng/ul	89
44) Dimethylphthalate	13.69	163	1424836	18.751 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	302186	23.031 ng/ul#	88
47) Acenaphthylene	13.95	152	1671747	18.161 ng/ul	98
48) 3-Nitroaniline	14.13	138	278607	22.841 ng/ul#	87
49) Acenaphthene	14.29	153	1139296	18.130 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	176755	27.656 ng/ul#	84
52) 4-Nitrophenol	14.45	109	214366	19.613 ng/ul	90
53) Dibenzofuran	14.63	168	1676103	18.525 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	448235	23.697 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.86	232	401858	22.930 ng/ul#	92
56) Diethylphthalate	15.07	149	1461437	19.180 ng/ul	98
58) Fluorene	15.28	166	1350715	19.132 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.28	204	723357	19.315 ng/ul	97
60) 4-Nitroaniline	15.30	138	327943	21.566 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.37	198	286684	23.196 ng/ul	92
64) N-Nitrosodiphenylamine	15.50	169	1231675	17.430 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	469815	18.062 ng/ul	93
66) Hexachlorobenzene	16.29	284	528624	19.086 ng/ul	93
67) Atrazine	16.46	200	501522	19.064 ng/ul	96
68) Pentachlorophenol	16.63	266	341045	21.029 ng/ul	98
69) Phenanthrene	17.02	178	2273454	18.080 ng/ul	99
71) Anthracene	17.12	178	2154778	16.822 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	606416	16.080 ng/uL	100
73) Pentachlorobenzene	14.55	250	585900	17.262 ng/uL	99
74) Carbazole	17.39	167	2128184	19.341 ng/ul	98
75) Di-n-butylphthalate	17.97	149	2660770	19.272 ng/ul	100
76) Fluoranthene	19.06	202	2869091	20.571 ng/ul	97
79) Pyrene	19.42	202	2932529	16.743 ng/ul	96
80) Butylbenzylphthalate	20.35	149	1304835	18.817 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	994034	18.290 ng/ul	99
82) Benzo(a)anthracene	21.20	228	3089793	18.259 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1957629	18.334 ng/ul#	96
84) Chrysene	21.25	228	2864727	18.240 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	3439250	18.459 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	3135707	18.337 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2982896	18.264 ng/ul	99
90) Benzo(a)pyrene	23.32	252	2953802	18.377 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	3218142	18.109 ng/ul	99
92) Dibenzo(a,h)anthracene	25.60	278	2748925	18.227 ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	2511506	17.092 ng/ul	96

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