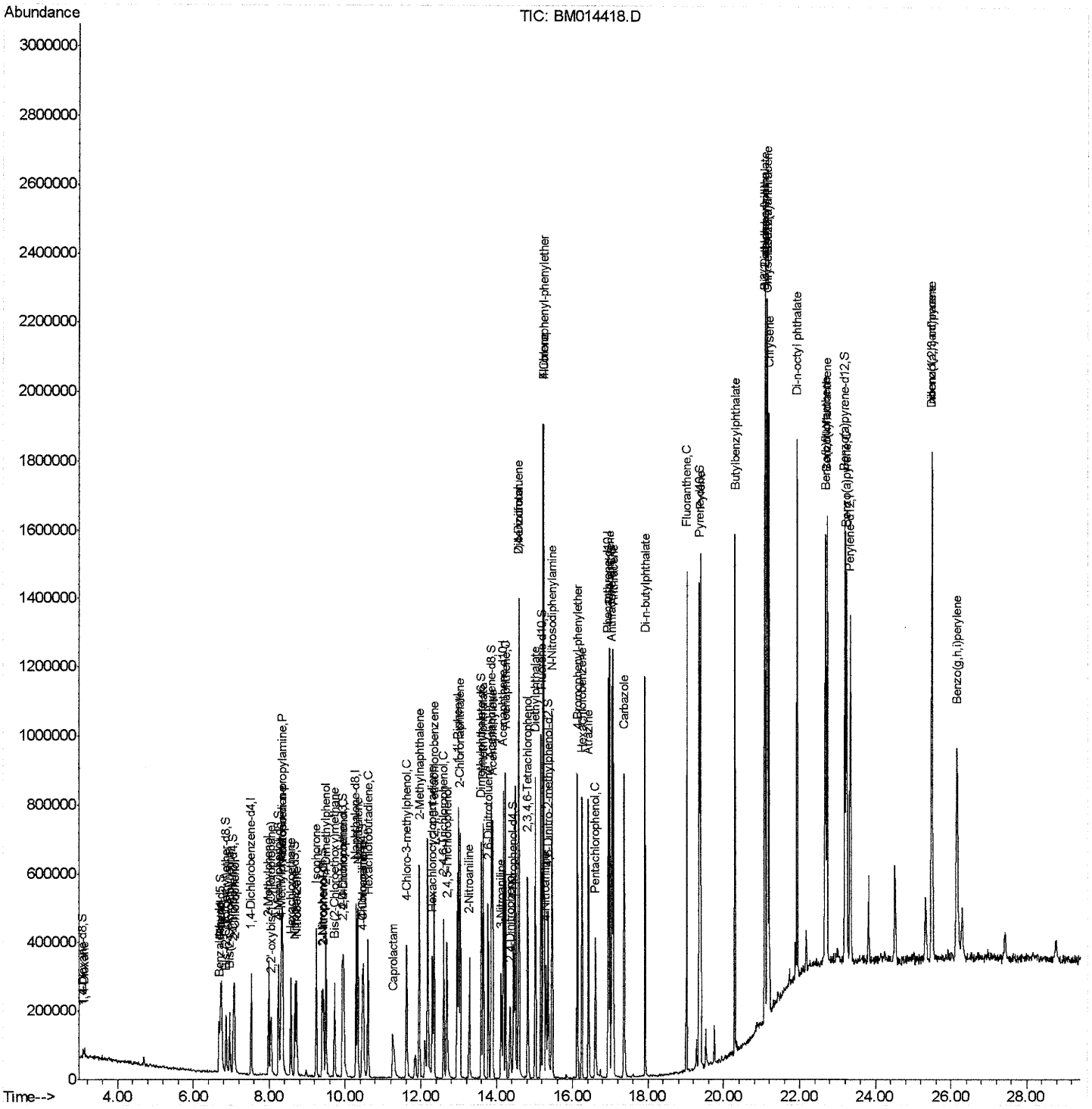
Instrument :
BNA_M
LabSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:25 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022818\
Data File : BM014418.D
Acq On : 01 Mar 2018 01:33
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 01 11:07:42 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



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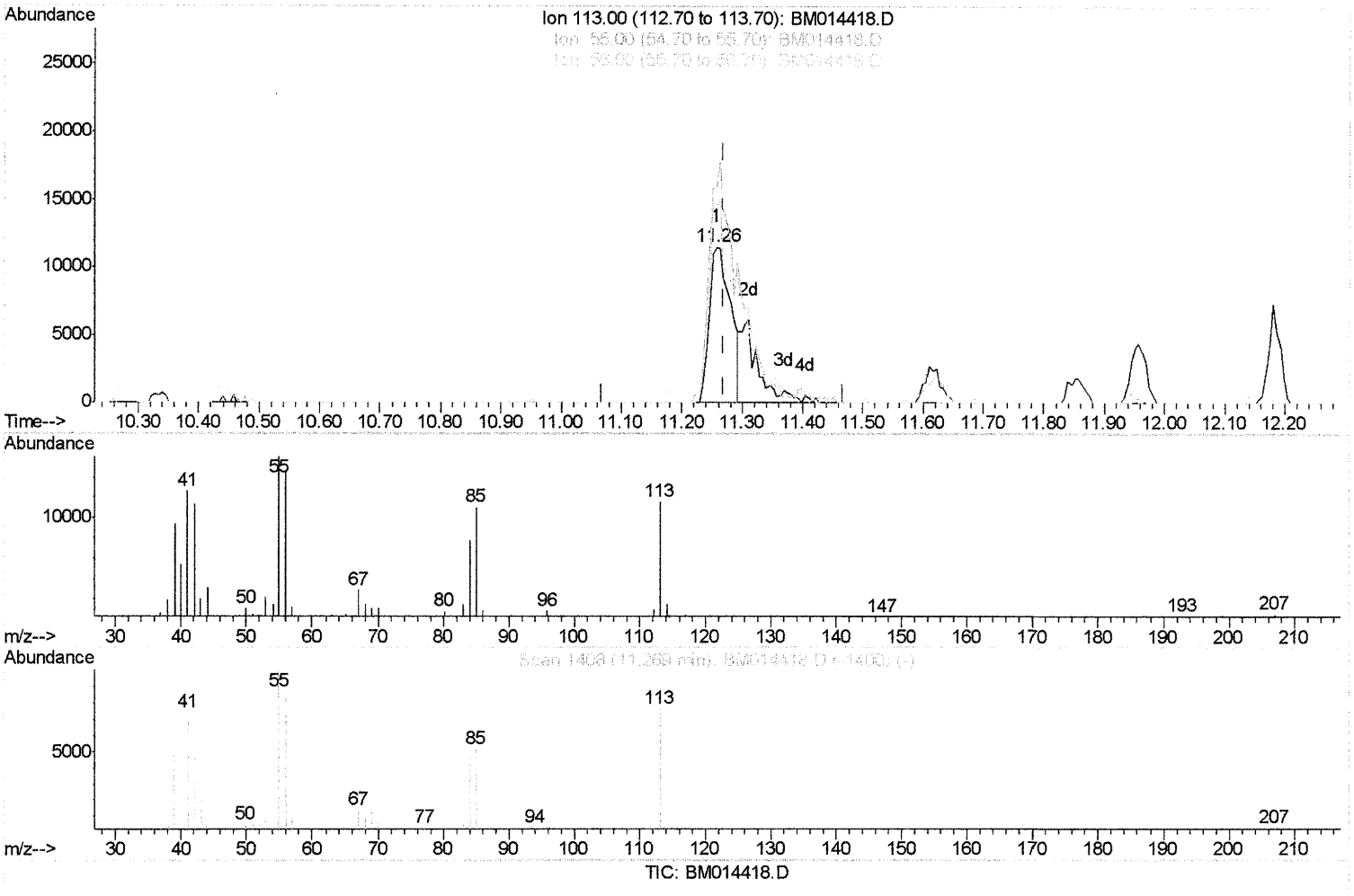

(32) Caprolactam

11.257min (-0.012) 16.75ng/ul

response 28564

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	138.65#
56.00	200.00	126.72#
0.00	0.00	0.00

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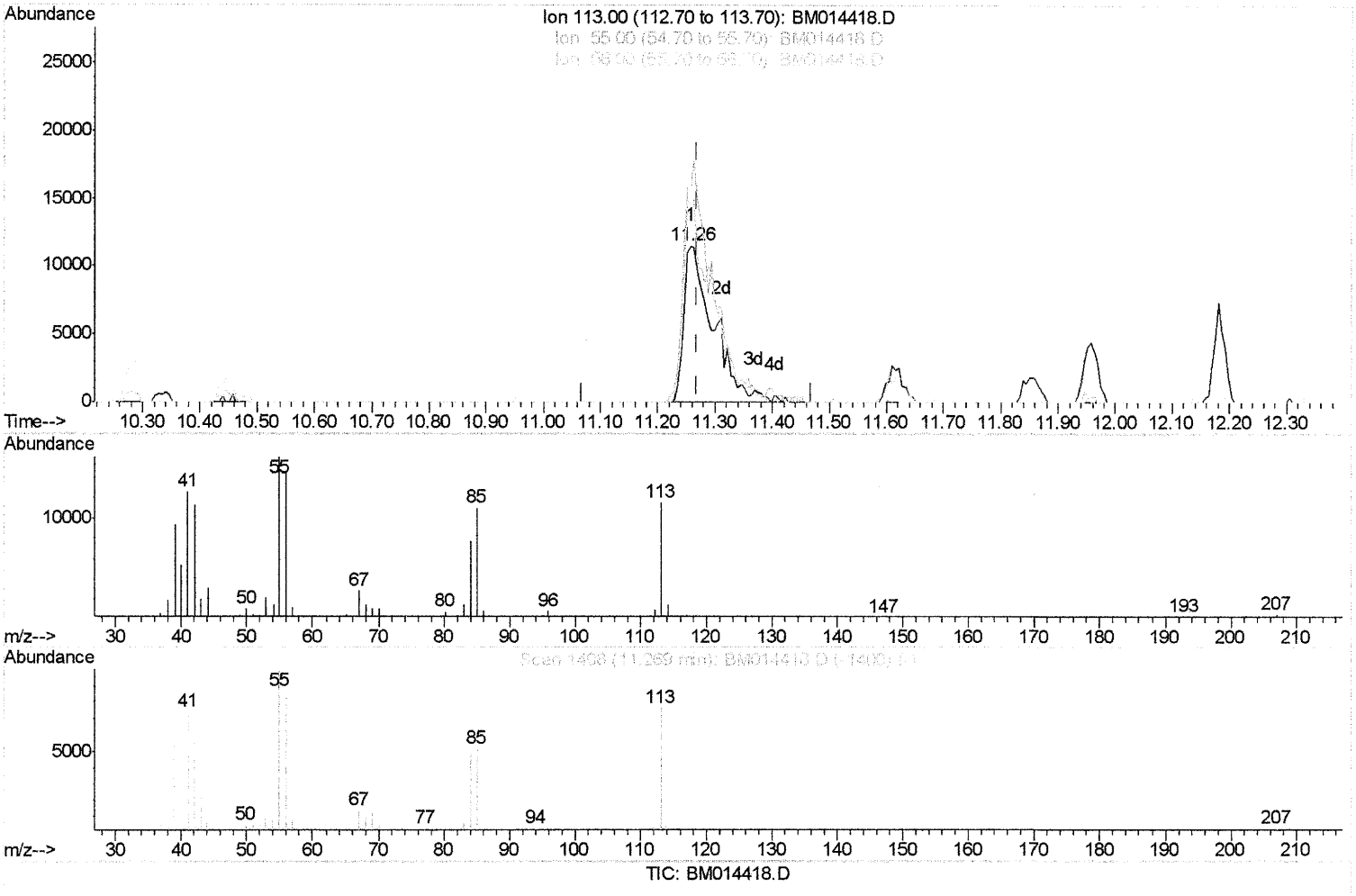

(32) Caprolactam

11.257min (-0.012) 23.94ng/ul m SJ 3/2/18

response 40813

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	138.65#
56.00	200.00	126.72#
0.00	0.00	0.00

Instrument :
BNA_M
LabSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	71731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	354177	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	244277	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	608526	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	691101	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	683011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	10219	6.10	ng/uL	0.00
5) Phenol-d5	6.72	99	121363	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	71303	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	98717	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	108118	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	54866	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	58997	21.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	109795	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	131350	23.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	401511	19.90	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	492917	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	47153	16.93	ng/ul	0.00
57) Fluorene-d10	15.17	176	342888	18.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	62438	17.10	ng/ul	0.00
70) Anthracene-d10	17.03	188	575212	19.59	ng/ul	0.00
76) Pyrene-d10	19.34	212	655828	18.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	645722	19.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	10367	5.568	ng/uL#	73
4) Benzaldehyde	6.68	77	51358	20.778	ng/ul	96
6) Phenol	6.75	94	118345	18.603	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.96	93	92514	20.043	ng/ul	91
10) 2-Chlorophenol	7.09	128	95552	20.132	ng/ul	95
11) 2-Methylphenol	7.97	108	97243	19.984	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.05	45	103059	22.124	ng/ul#	81
14) Acetophenone	8.34	105	175379	19.163	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.32	70	93635	20.416	ng/ul#	74
16) 4-Methylphenol	8.30	108	104217	19.654	ng/ul	93
17) Hexachloroethane	8.56	117	47271	19.118	ng/ul#	65
20) Nitrobenzene	8.72	77	147095	19.003	ng/ul	96
21) Isophorone	9.23	82	268486	20.278	ng/ul	98
23) 2-Nitrophenol	9.42	139	57272	19.520	ng/ul	94
24) 2,4-Dimethylphenol	9.49	107	141058	19.609	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.72	93	141508	20.290	ng/ul	97
27) 2,4-Dichlorophenol	9.96	162	109037	20.481	ng/ul	97
28) Naphthalene	10.33	128	348406	19.153	ng/ul	98
30) 4-Chloroaniline	10.47	127	130142	23.084	ng/ul	89
31) Hexachlorobutadiene	10.60	225	73456	17.391	ng/ul	93
32) Caprolactam	11.26	113	40813m	23.935	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	130383	20.268	ng/ul	96
34) 2-Methylnaphthalene	11.96	142	264950	19.136	ng/ul	94

SJ 3/2/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	142227	18.138	ng/ul#	95
37) Hexachlorocyclopentadiene	12.30	237	79002	18.513	ng/ul	88
38) 2,4,6-Trichlorophenol	12.60	196	98232	20.079	ng/ul	97
39) 2,4,5-Trichlorophenol	12.69	196	102695	20.541	ng/ul	97
40) 1,1'-Biphenyl	12.99	154	375793	19.971	ng/ul#	97
41) 2-Chloronaphthalene	13.03	162	295968	19.690	ng/ul	95
42) 2-Nitroaniline	13.27	65	105463	20.735	ng/ul	96
44) Dimethylphthalate	13.65	163	403426	20.281	ng/ul	98
45) 2,6-Dinitrotoluene	13.77	165	79365	21.000	ng/ul#	78
47) Acenaphthylene	13.89	152	471478	20.053	ng/ul	100
48) 3-Nitroaniline	14.12	138	69367	21.656	ng/ul	99
49) Acenaphthene	14.23	153	327166	19.762	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	47278	23.260	ng/ul#	73
52) 4-Nitrophenol	14.45	109	65295	17.882	ng/ul#	74
53) Dibenzofuran	14.58	168	483146	19.463	ng/ul	94
54) 2,4-Dinitrotoluene	14.59	165	128127	21.160	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.82	232	96989	19.184	ng/ul#	76
56) Diethylphthalate	15.02	149	429491	19.376	ng/ul	95
58) Fluorene	15.23	166	401162	18.719	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.23	204	206476	18.420	ng/ul	93
60) 4-Nitroaniline	15.29	138	68875	19.173	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.36	198	67278	18.108	ng/ul	98
64) N-Nitrosodiphenylamine	15.45	169	338493	19.357	ng/ul	96
65) 4-Bromophenyl-phenylether	16.13	248	125191	18.437	ng/ul#	88
66) Hexachlorobenzene	16.24	284	135378	18.959	ng/ul#	80
67) Atrazine	16.42	200	137551	19.917	ng/ul	99
68) Pentachlorophenol	16.60	266	66193	17.690	ng/ul	97
69) Phenanthrene	16.97	178	676668	19.300	ng/ul	98
71) Anthracene	17.07	178	672116	19.062	ng/ul	99
72) Carbazole	17.36	167	581285	19.606	ng/ul#	96
73) Di-n-butylphthalate	17.91	149	759027	19.844	ng/ul	99
74) Fluoranthene	19.01	202	826923	19.741	ng/ul#	92
77) Pyrene	19.37	202	844515	18.388	ng/ul#	90
78) Butylbenzylphthalate	20.29	149	371796	19.578	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.07	252	252810	20.807	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	850481	19.718	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	539797	19.847	ng/ul#	95
82) Chrysene	21.19	228	794873	19.755	ng/ul	96
84) Di-n-octyl phthalate	21.93	149	899982	15.355	ng/ul#	91
85) Benzo(b)fluoranthene	22.68	252	816874	17.862	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	791489	18.203	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	773032	18.916	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.49	276	905705	22.839	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.49	278	762437	23.138	ng/ul#	99
91) Benzo(g,h,i)perylene	26.15	276	739532	23.020	ng/ul#	95

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