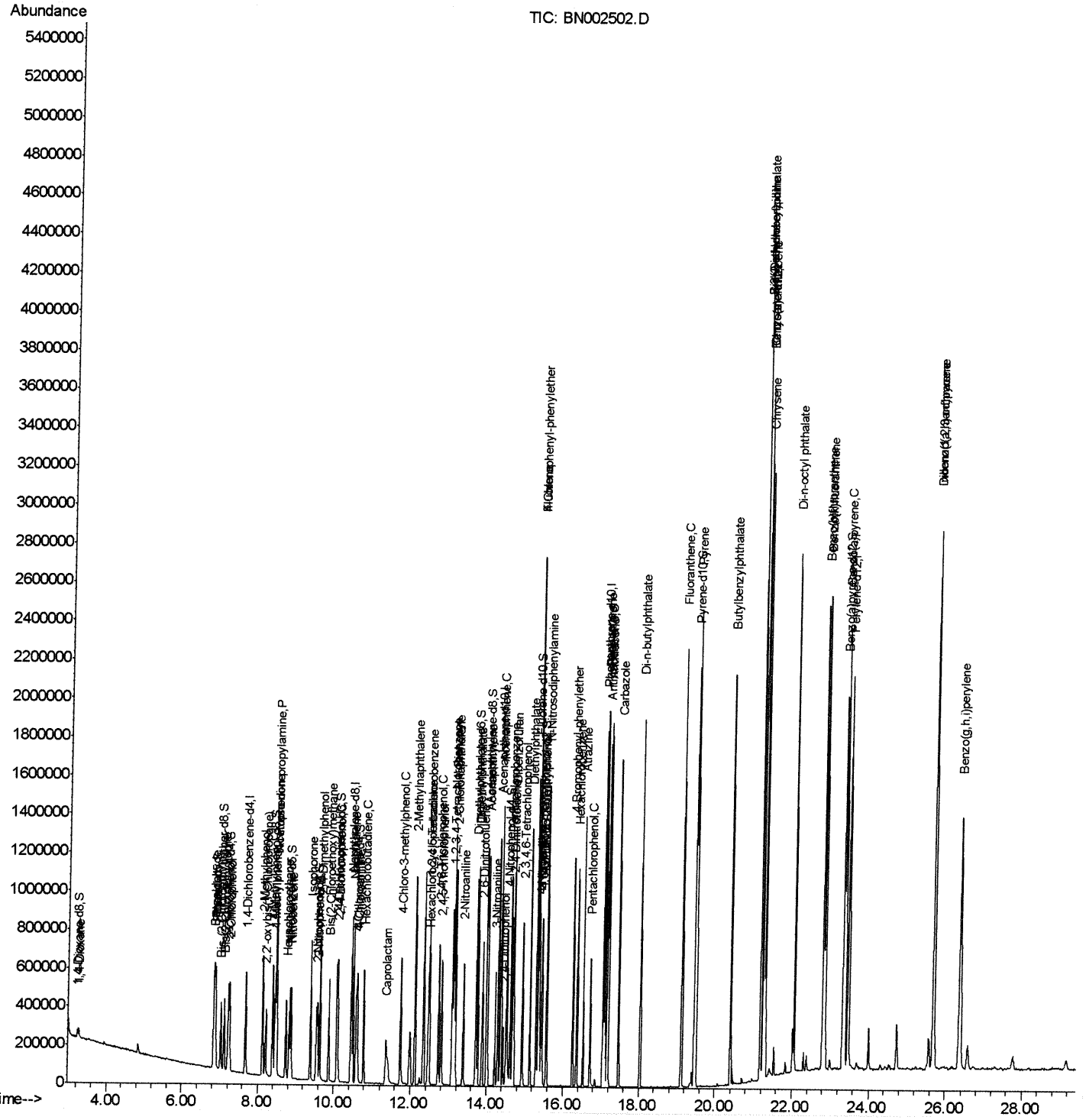
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002502.D
Acq On : 24 Aug 2018 15:54
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 25 01:27:08 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 23 04:38:12 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02019

Manual Integrations APPROVED
Sohil
8/27/2018 1:19:43 PM



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Quant Time: Aug 25 01:19:51 2018
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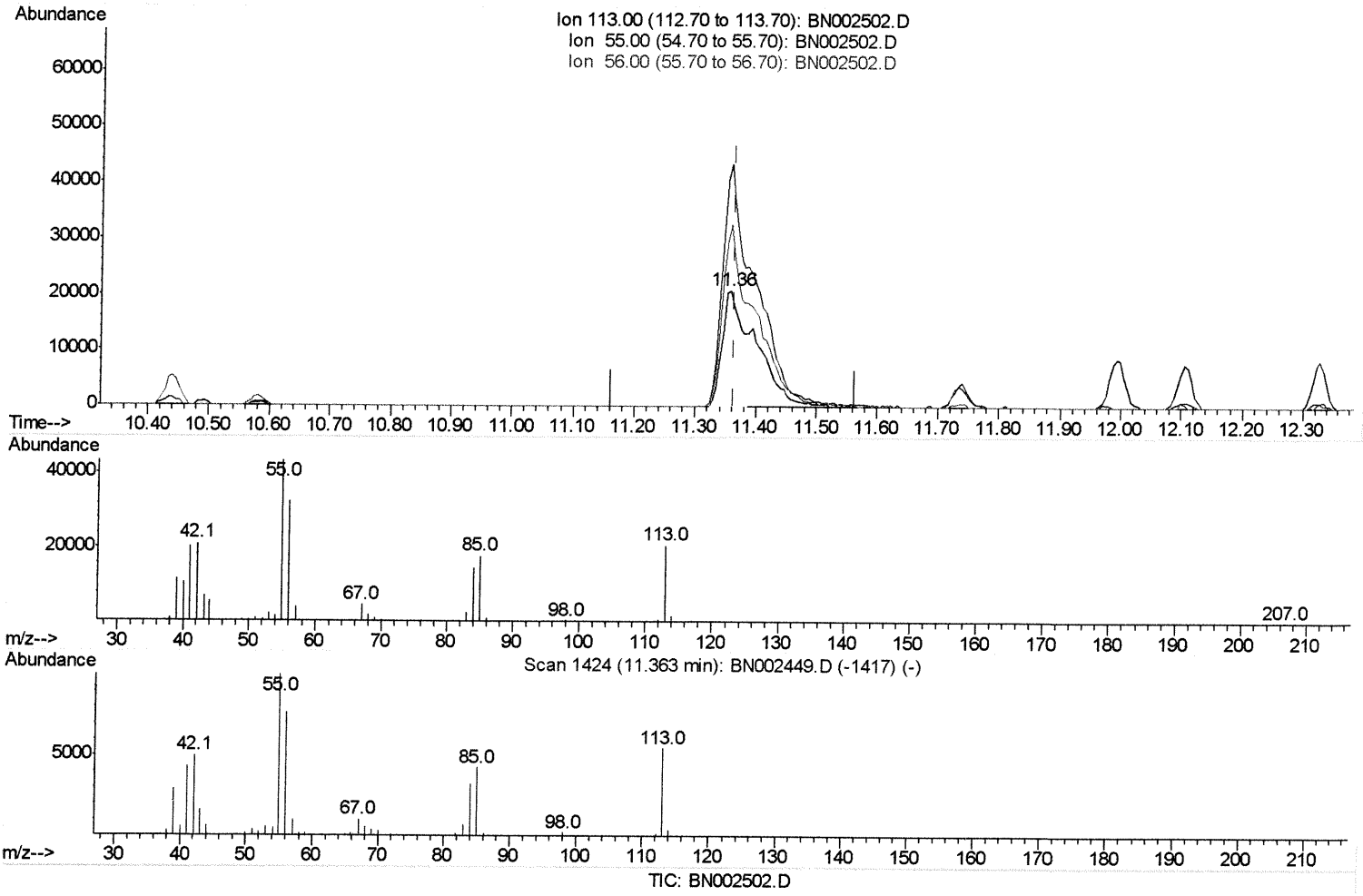

TIC: BN002502.D

(32) Caprolactam

11.357min (-0.006) 13.25ng/ul

response 49735

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	208.66#
56.00	101.50	156.74#
0.00	0.00	0.00

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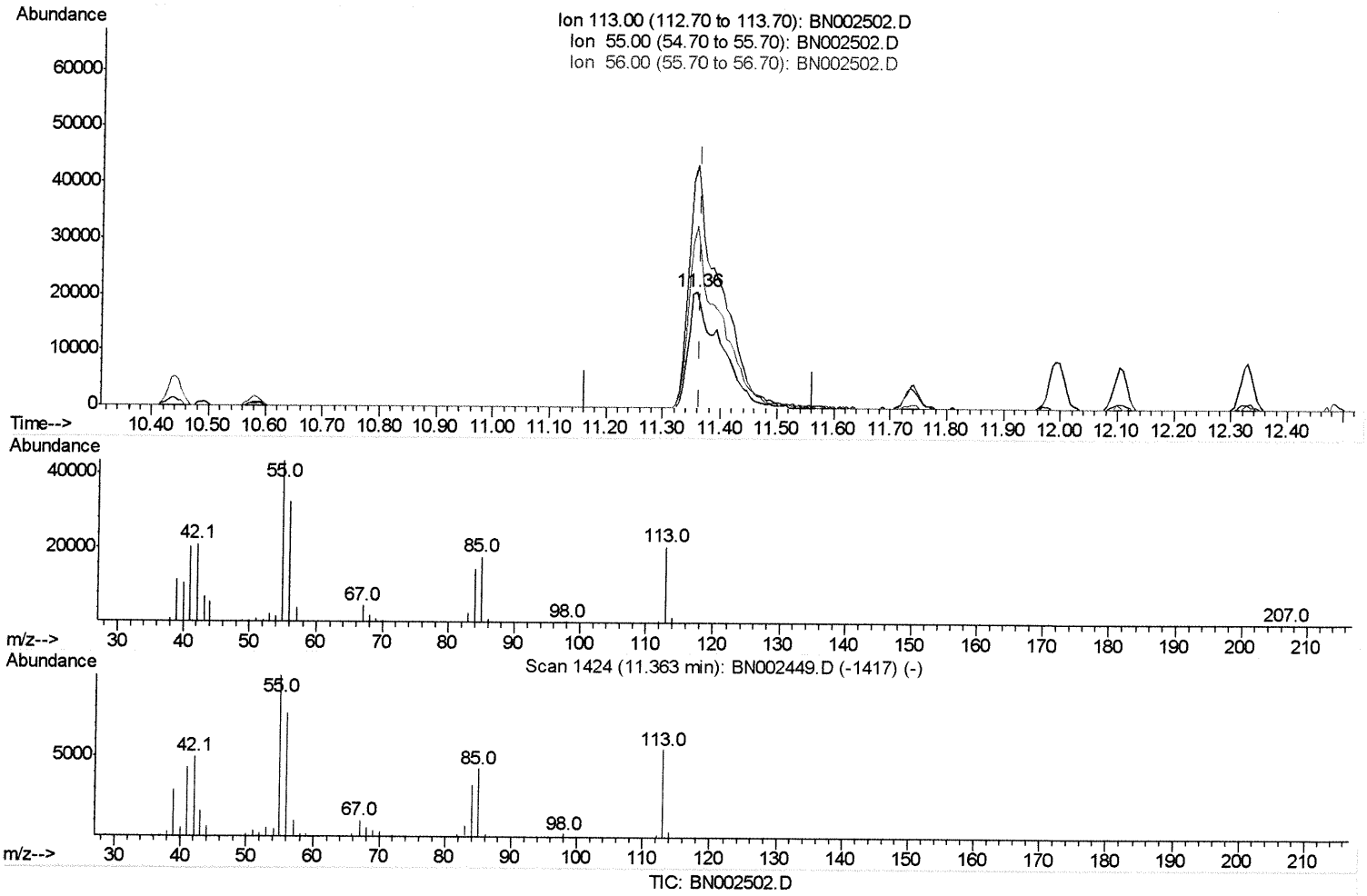

(32) Caprolactam

11.357min (-0.006) 21.52ng/ul m SJ 8/27/18

response 80780

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	208.66#
56.00	101.50	156.74#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	139075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	671014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	422705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1018837	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1234330	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1391828	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22198	7.53	ng/uL	0.00
5) Phenol-d5	6.85	99	258500	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	163113	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	202227	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	209587	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	104327	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	112045	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	211820	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	245334	21.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	694919	19.83	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	866550	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	128249	19.36	ng/ul	0.00
57) Fluorene-d10	15.30	176	603521	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	117360	18.09	ng/ul	0.00
70) Anthracene-d10	17.15	188	974716	20.03	ng/ul	0.00
78) Pyrene-d10	19.45	212	1130341	19.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1425143	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	24756	7.853	ng/uL	87
4) Benzaldehyde	6.82	77	180947	20.654	ng/ul	94
6) Phenol	6.88	94	264137	20.339	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.10	93	201837	20.444	ng/ul#	85
10) 2-Chlorophenol	7.24	128	198809	20.330	ng/ul#	87
11) 2-Methylphenol	8.11	108	201619	20.572	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	348067	21.288	ng/ul#	85
14) Acetophenone	8.49	105	332404	20.395	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.47	70	177981	20.695	ng/ul#	79
16) 4-Methylphenol	8.43	108	216936	20.345	ng/ul	99
17) Hexachloroethane	8.73	117	82300	20.092	ng/ul	99
20) Nitrobenzene	8.86	77	261562	20.462	ng/ul	92
21) Isophorone	9.38	82	514378	20.875	ng/ul	97
23) 2-Nitrophenol	9.56	139	119278	20.203	ng/ul#	87
24) 2,4-Dimethylphenol	9.63	107	250253	20.670	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	291606	20.086	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	203118	20.324	ng/ul	95
28) Naphthalene	10.49	128	677269	19.617	ng/ul	100
30) 4-Chloroaniline	10.60	127	245030	21.723	ng/ul	100
31) Hexachlorobutadiene	10.78	225	121870	19.371	ng/ul	99
32) Caprolactam	11.36	113	80780m	21.516	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	238592	20.746	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	506658	19.884	ng/ul	99

SJ 8/27/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	247428	19.324 ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	128874	16.570 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	164874	19.998 ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	175994	19.950 ng/ul	98
40) 1,1'-Biphenyl	13.13	154	653852	19.323 ng/ul	98
41) 2-Chloronaphthalene	13.17	162	518340	19.650 ng/ul	97
42) 2-Nitroaniline	13.38	65	175374	20.875 ng/ul#	77
44) Dimethylphthalate	13.76	163	678632	19.747 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	140257	20.200 ng/ul	94
47) Acenaphthylene	14.02	152	817761	19.981 ng/ul	99
48) 3-Nitroaniline	14.22	138	138818	21.013 ng/ul	89
49) Acenaphthene	14.36	153	569252	19.718 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	64604	15.552 ng/ul#	1
52) 4-Nitrophenol	14.53	109	102191	20.355 ng/ul#	83
53) Dibenzofuran	14.70	168	805927	19.787 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	219091	20.928 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	155752	20.220 ng/ul	98
56) Diethylphthalate	15.13	149	707985	20.191 ng/ul	99
58) Fluorene	15.36	166	669705	20.097 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	325433	19.787 ng/ul	96
60) 4-Nitroaniline	15.38	138	174056	20.387 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	120928	18.072 ng/ul#	92
64) N-Nitrosodiphenylamine	15.57	169	577307	19.391 ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	202362	19.469 ng/ul	95
66) Hexachlorobenzene	16.36	284	230334	19.857 ng/ul	96
67) Atrazine	16.52	200	215771	19.824 ng/ul	98
68) Pentachlorophenol	16.71	266	117957	18.166 ng/ul	98
69) Phenanthrene	17.09	178	1124032	20.013 ng/ul	99
71) Anthracene	17.19	178	1145894	20.116 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	270000	18.952 ng/uL	99
73) Pentachlorobenzene	14.62	250	260620	19.194 ng/uL	98
74) Carbazole	17.46	167	1056239	20.909 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1257532	20.477 ng/ul	100
76) Fluoranthene	19.12	202	1371083	21.448 ng/ul	99
79) Pyrene	19.48	202	1409535	18.939 ng/ul	100
80) Butylbenzylphthalate	20.39	149	620985	19.692 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.17	252	471956	19.186 ng/ul	97
82) Benzo(a)anthracene	21.23	228	1499401	19.828 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	958162	20.257 ng/ul	99
84) Chrysene	21.29	228	1419339	19.831 ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1705377	19.280 ng/ul#	90
87) Benzo(b)fluoranthene	22.81	252	1564644	18.754 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1570221	19.978 ng/ul	99
90) Benzo(a)pyrene	23.37	252	1551939	19.528 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1851059	19.578 ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1548661	19.593 ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	1523547	19.312 ng/ul	98

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