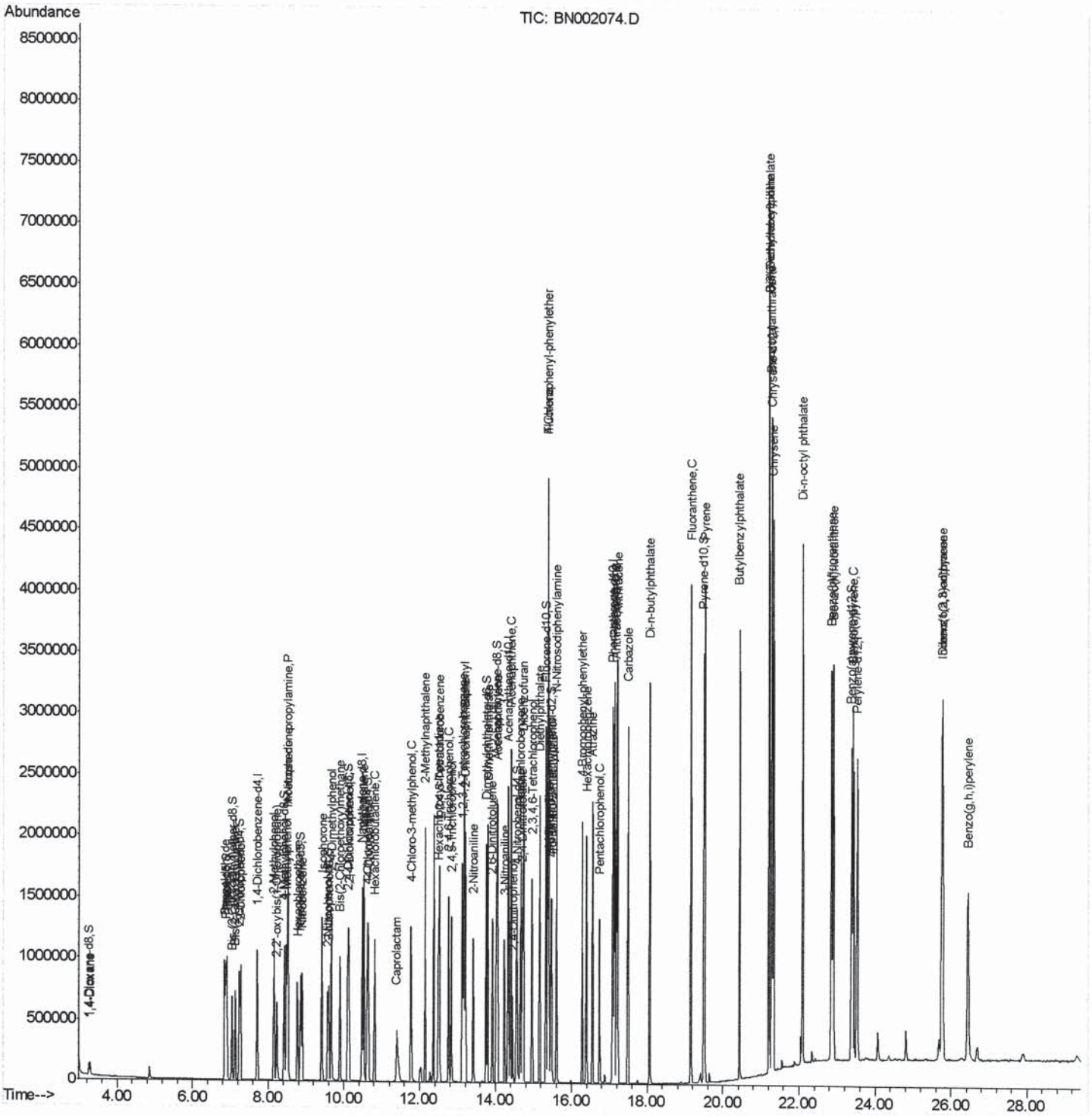
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
Data File : BN002074.D
Acq On : 19 Jul 2018 16:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 17:58:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 00:49:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
7/20/2018 4:05:39 PM



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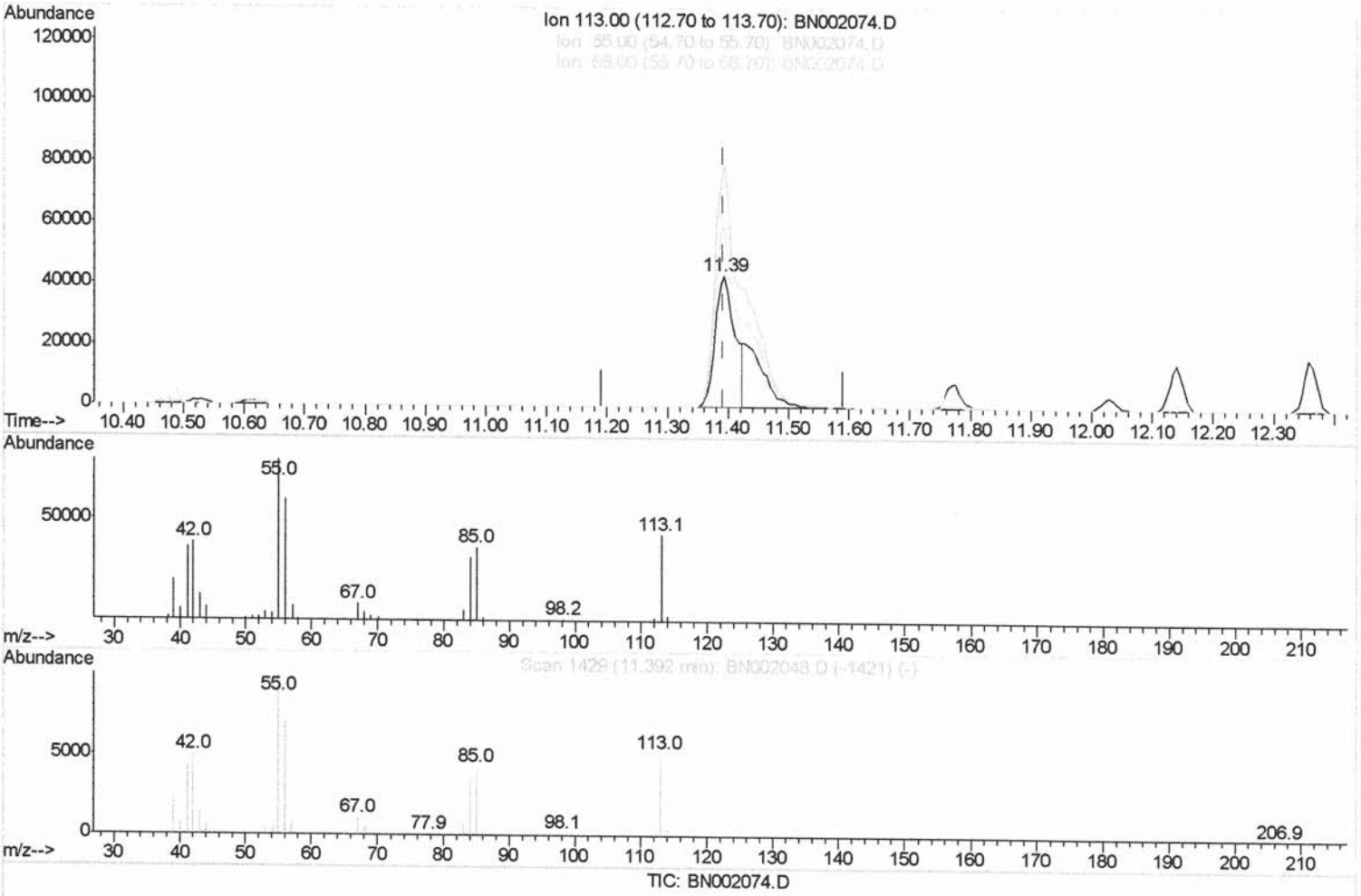

TIC: BN002074.D

(32) Caprolactam

11.393min (+0.000) 12.75ng/ul

response 99072

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	184.59#
56.00	101.50	138.83#
0.00	0.00	0.00

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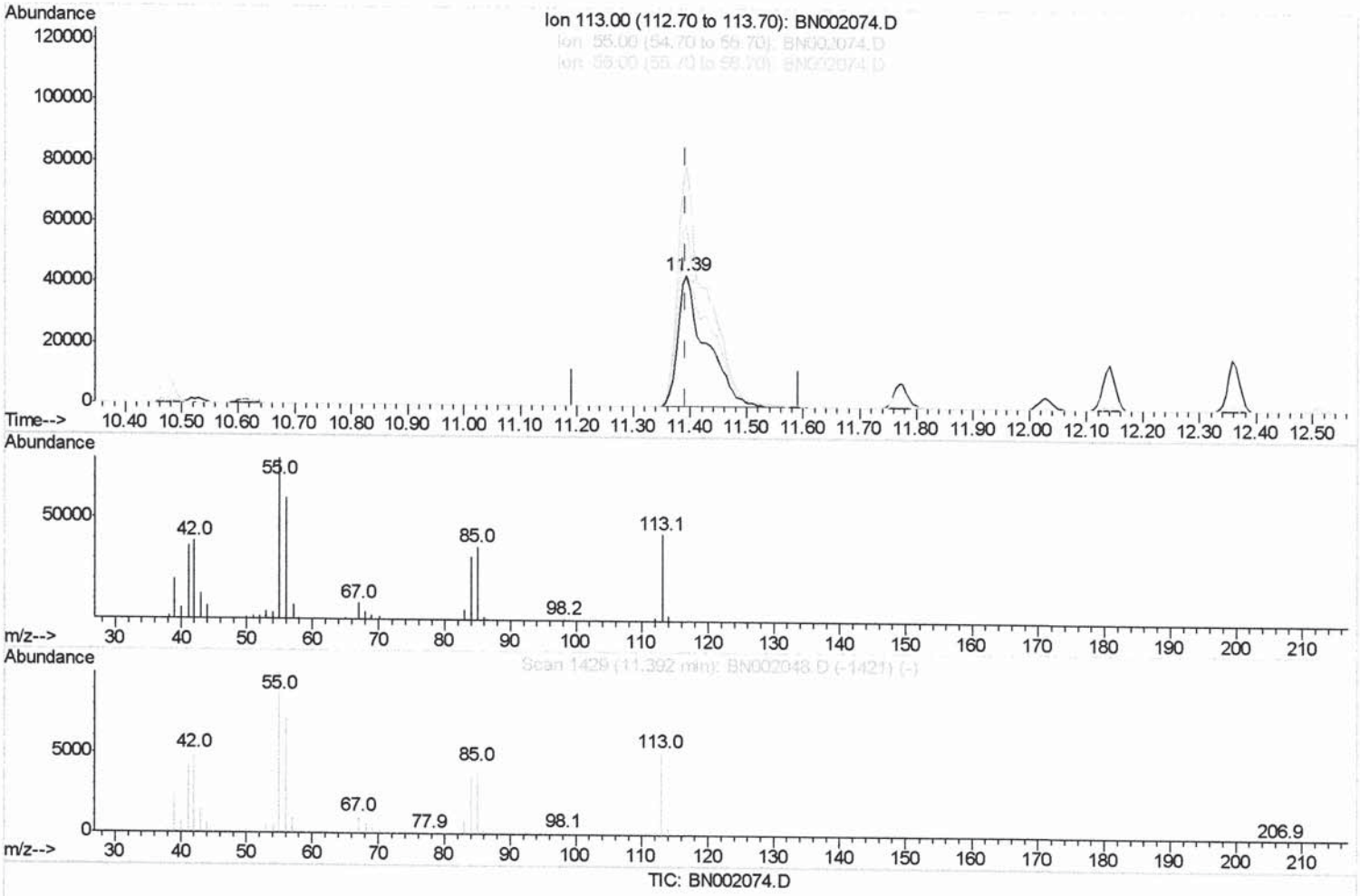

TIC: BN002074.D

(32) Caprolactam

11.393min (+0.000) 19.15ng/ul m SJ 7/20/18

response 148788

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	184.59#
56.00	101.50	138.83#
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	7.70	152	281117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1284165	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	782212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1783084	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1813880	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1715816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	47132	7.57	ng/uL	0.00
5) Phenol-d5	6.88	99	509235	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	310183	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	402257	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	416829	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	204994	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	236272	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	424851	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	568944	22.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1328483	20.04	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1648402	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	240061	18.95	ng/ul	0.00
57) Fluorene-d10	15.33	176	1128878	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	223511	19.25	ng/ul	0.00
70) Anthracene-d10	17.18	188	1738909	20.00	ng/ul	0.00
78) Pyrene-d10	19.48	212	1889533	20.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	1845581	19.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	48523	7.759	ng/uL#	85
4) Benzaldehyde	6.85	77	328164	20.899	ng/ul	98
6) Phenol	6.90	94	510812	19.214	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	391466	19.311	ng/ul#	87
10) 2-Chlorophenol	7.27	128	402983	19.322	ng/ul#	90
11) 2-Methylphenol	8.14	108	385241	18.841	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	625041	18.756	ng/ul#	85
14) Acetophenone	8.52	105	651298	20.124	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.50	70	342164	19.293	ng/ul#	85
16) 4-Methylphenol	8.47	108	431935	19.469	ng/ul	99
17) Hexachloroethane	8.76	117	159926	19.399	ng/ul	99
20) Nitrobenzene	8.89	77	489922	20.007	ng/ul	95
21) Isophorone	9.41	82	955435	19.500	ng/ul	98
23) 2-Nitrophenol	9.59	139	241288	19.584	ng/ul#	88
24) 2,4-Dimethylphenol	9.66	107	493024	19.987	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	571409	19.374	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	407322	19.485	ng/ul	97
28) Naphthalene	10.52	128	1327605	19.569	ng/ul	99
30) 4-Chloroaniline	10.63	127	561929	22.852	ng/ul	97
31) Hexachlorobutadiene	10.81	225	254012	20.504	ng/ul	97
32) Caprolactam	11.39	113	148788m	19.149	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	472866	20.110	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	971822	19.639	ng/ul	99

SJ 7/20/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	504877	19.905 ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	291108	18.094 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	350407	20.098 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	360463	19.572 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1293556	19.871 ng/ul	100
41) 2-Chloronaphthalene	13.20	162	1000519	19.766 ng/ul	97
42) 2-Nitroaniline	13.41	65	323769	19.894 ng/ul	82
44) Dimethylphthalate	13.79	163	1298723	19.997 ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	273895	19.954 ng/ul	99
47) Acenaphthylene	14.05	152	1580291	19.957 ng/ul	99
48) 3-Nitroaniline	14.24	138	278760	20.603 ng/ul	96
49) Acenaphthene	14.40	153	1081890	19.795 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	146034	18.086 ng/ul#	1
52) 4-Nitrophenol	14.56	109	178775	20.193 ng/ul#	81
53) Dibenzofuran	14.73	168	1535210	19.880 ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	404129	20.299 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.96	232	321007	19.850 ng/ul	97
56) Diethylphthalate	15.16	149	1316255	19.959 ng/ul	99
58) Fluorene	15.39	166	1246740	20.223 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	621284	20.289 ng/ul	95
60) 4-Nitroaniline	15.41	138	312204	19.930 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.47	198	234201	19.477 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1090070	19.987 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	392909	20.026 ng/ul	94
66) Hexachlorobenzene	16.39	284	430623	19.833 ng/ul	92
67) Atrazine	16.56	200	407057	20.684 ng/ul	97
68) Pentachlorophenol	16.74	266	237396	19.222 ng/ul	99
69) Phenanthrene	17.12	178	2004336	20.016 ng/ul	99
71) Anthracene	17.22	178	2063057	20.229 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	534712	20.111 ng/uL	99
73) Pentachlorobenzene	14.66	250	497524	20.005 ng/uL	99
74) Carbazole	17.49	167	1816664	21.058 ng/ul	99
75) Di-n-butylphthalate	18.06	149	2303268	20.193 ng/ul	100
76) Fluoranthene	19.15	202	2348129	22.096 ng/ul	100
79) Pyrene	19.51	202	2354562	20.229 ng/ul	99
80) Butylbenzylphthalate	20.42	149	1075291	19.450 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	784227	20.390 ng/ul	98
82) Benzo(a)anthracene	21.27	228	2325385	20.127 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	1567178	20.021 ng/ul	98
84) Chrysene	21.32	228	2147900	19.947 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2684119	23.818 ng/ul#	94
87) Benzo(b)fluoranthene	22.86	252	2164133	20.493 ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	2111776	21.049 ng/ul	99
90) Benzo(a)pyrene	23.43	252	2010457	20.036 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	2039094	17.580 ng/ul	95
92) Dibenzo(a,h)anthracene	25.77	278	1724221	17.762 ng/ul	97
93) Benzo(g,h,i)perylene	26.44	276	1636799	16.793 ng/ul	97

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