Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091018\
Data File : BM016706.D
Acq On : 10 Sep 2018 12:25
Operator : SJ/JU
Sample : SSTD01048
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 13:41:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 13:31:33 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01048

Manual Integrations APPROVED
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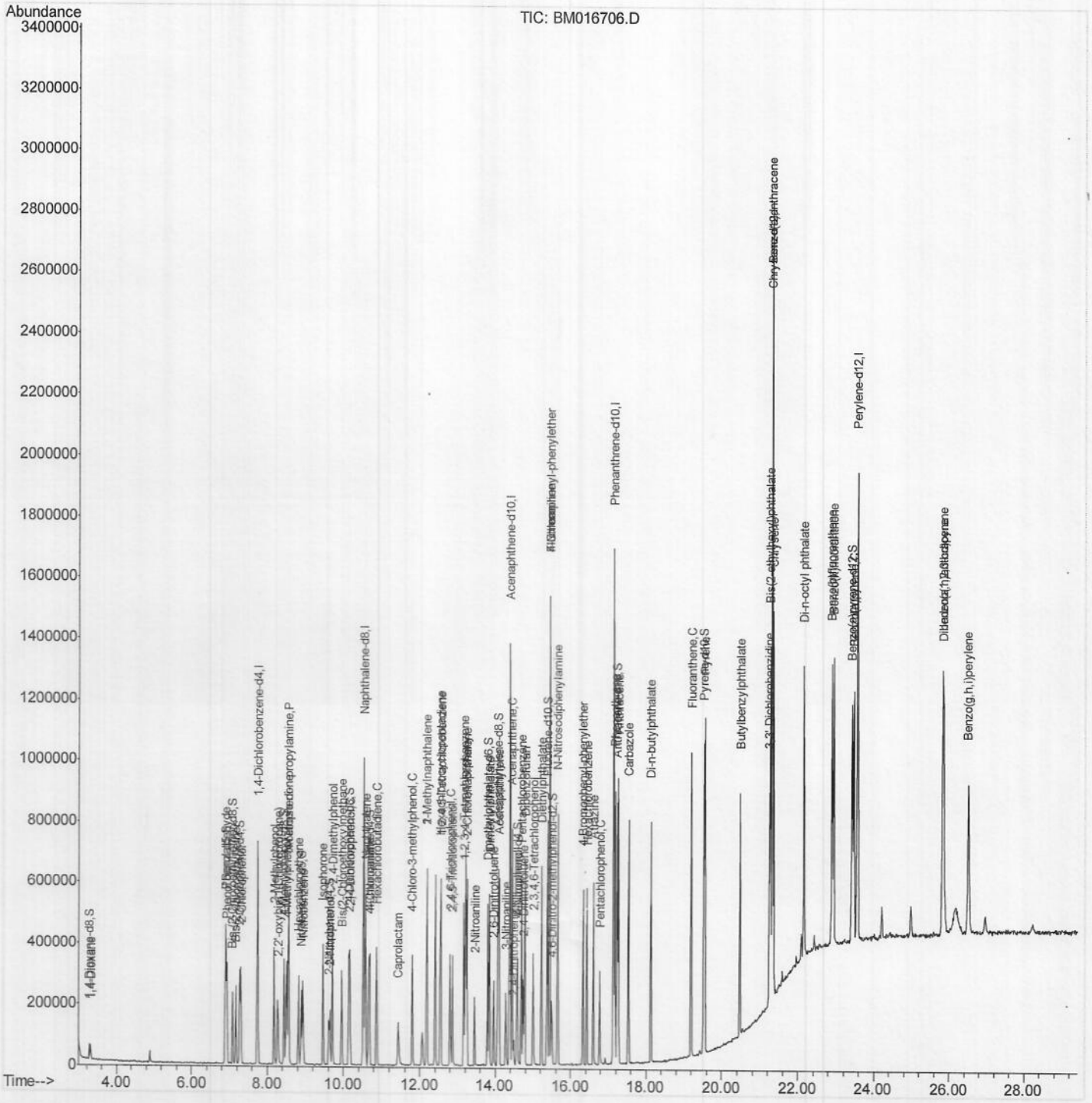

Quantitation Report (Qedit)

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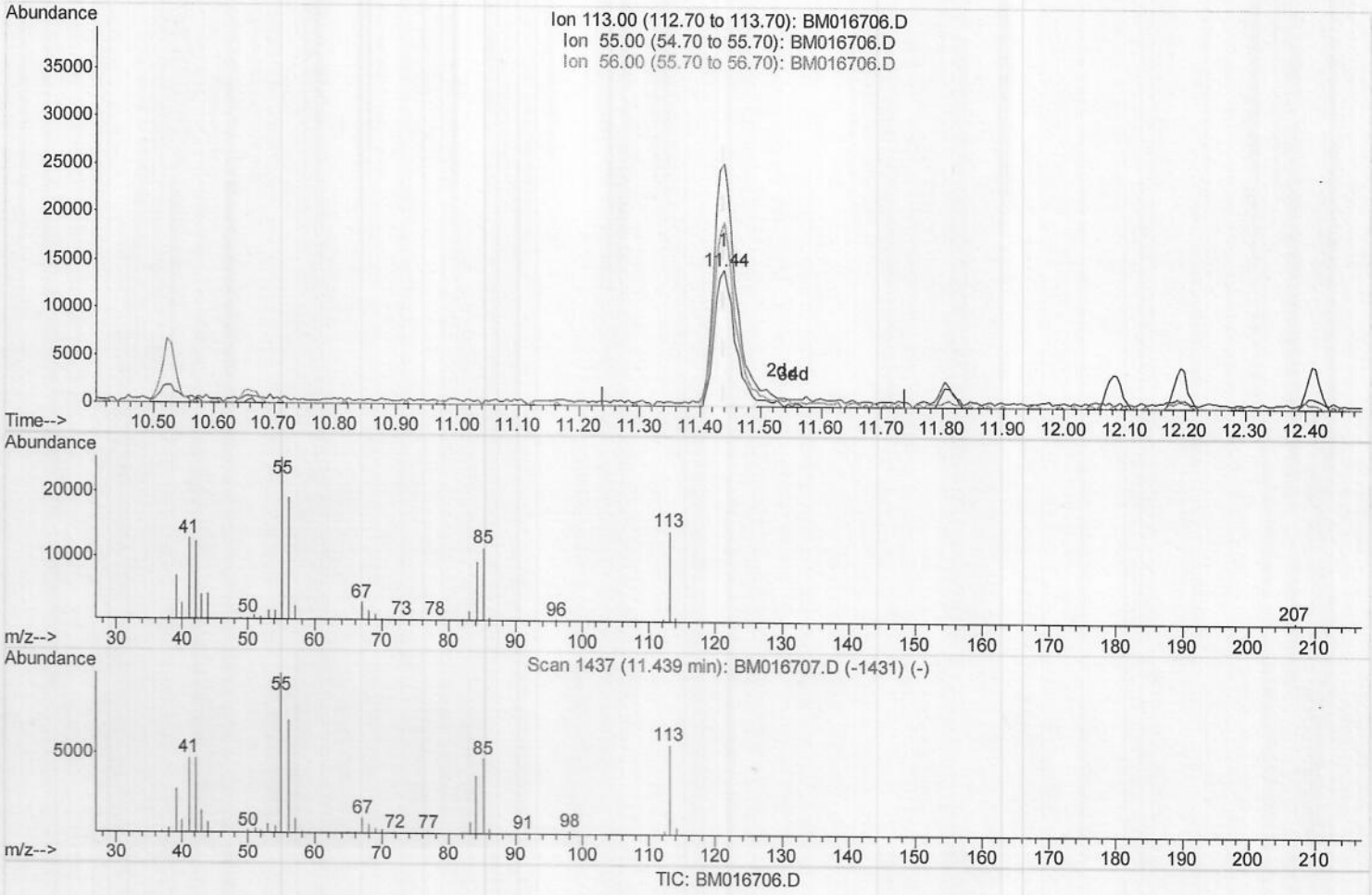

TIC: BM016706.D

(32) Caprolactam

11.440min (+0.000) 8.60ng/ul

response 33914

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	177.75
56.00	115.90	134.92
0.00	0.00	0.00

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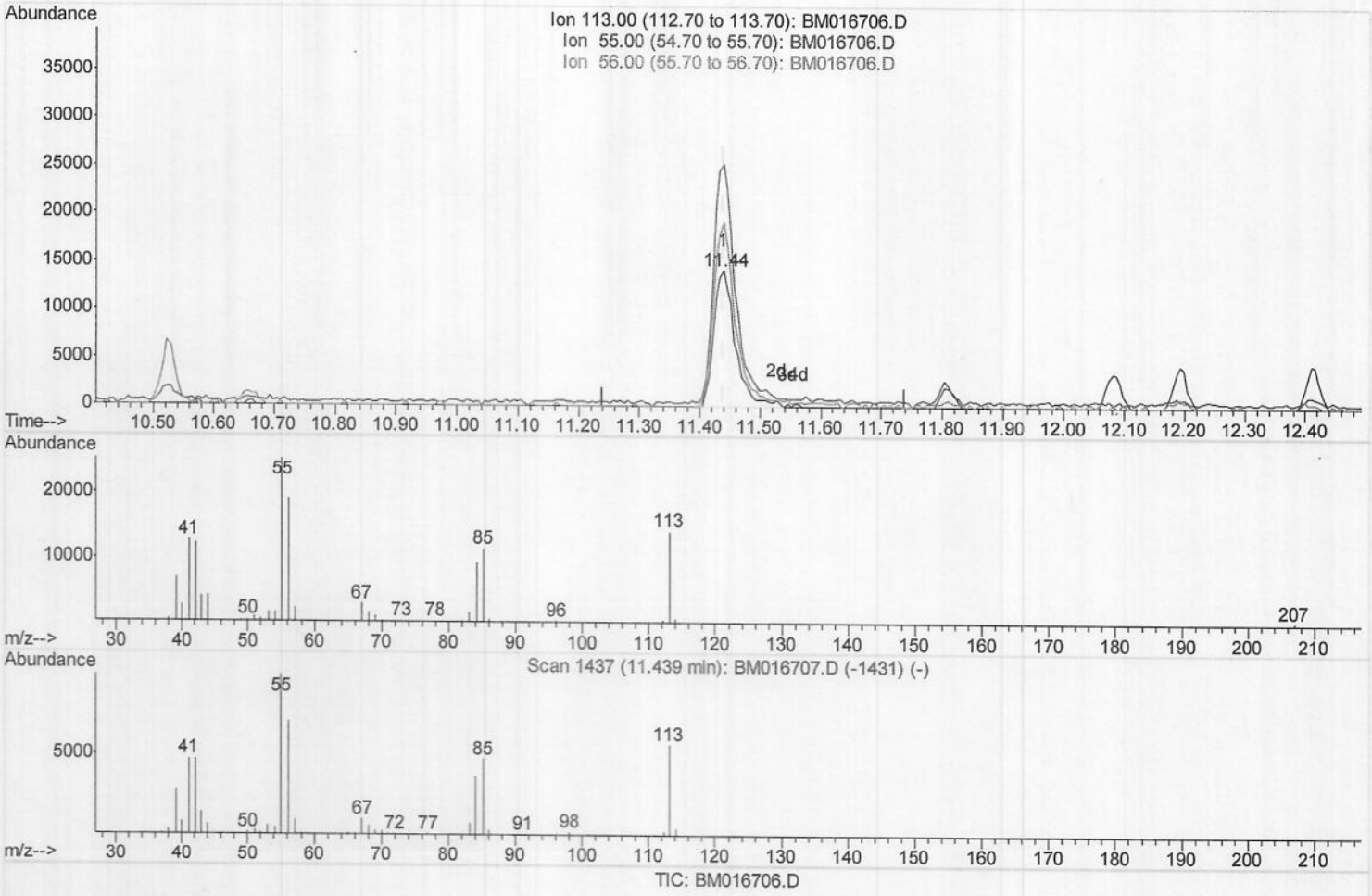

(32) Caprolactam

11.440min (+0.000) 8.96ng/ul m

response 35342

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	177.75
56.00	115.90	134.92
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	7.75	152	194283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	818030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	445042	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	971105	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1018659	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1051727	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18166	4.21	ng/uL	0.00
5) Phenol-d5	6.91	99	157569	8.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	102211	8.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	129087	9.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	124353	8.54	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	49830	8.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	42417	6.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	123694	9.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	153060	10.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	358895	9.54	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	448471	9.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	45702	6.46	ng/ul	0.00
58) Fluorene-d10	15.38	176	309525	9.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	24059	4.26	ng/ul	0.00
71) Anthracene-d10	17.23	188	456053	9.54	ng/ul	0.00
79) Pyrene-d10	19.52	212	490626	10.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	539983	10.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	19363	4.090	ng/uL#	67
4) Benzaldehyde	6.89	77	114401	10.732	ng/ul	91
6) Phenol	6.93	94	160947	8.691	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	127481	8.744	ng/ul	94
10) 2-Chlorophenol	7.30	128	132917	9.691	ng/ul	98
11) 2-Methylphenol	8.18	108	120267	8.566	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	204020	8.634	ng/ul#	94
14) Acetophenone	8.56	105	199627	8.967	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	96462	8.075	ng/ul#	88
16) 4-Methylphenol	8.50	108	127480	8.298	ng/ul	95
17) Hexachloroethane	8.82	117	51756	9.871	ng/ul	87
20) Nitrobenzene	8.93	77	131235	8.988	ng/ul	94
21) Isophorone	9.46	82	267965	9.115	ng/ul	97
23) 2-Nitrophenol	9.64	139	49441	7.289	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	144632	9.966	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	167104	8.717	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	118699	9.474	ng/ul#	94
28) Naphthalene	10.57	128	419584	9.891	ng/ul	99
30) 4-Chloroaniline	10.68	127	153629	11.275	ng/ul	97
31) Hexachlorobutadiene	10.86	225	80126	11.268	ng/ul	96
32) Caprolactam	11.44	113	35342m)	8.961	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	122336	9.210	ng/ul	94
34) 2-Methylnaphthalene	12.19	142	298607	9.479	ng/ul	98

) SJ 9/18/18

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ClientSampleId : SSTD01048

Manual Integrations APPROVED
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9/11/2018 4:40:48 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	298607	9.953 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	150227	11.379 ng/ul#	97
38) Hexachlorocyclopentadiene	12.55	237	84707	11.447 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.80	196	81986	9.121 ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	89914	9.866 ng/ul	95
41) 1,1'-Biphenyl	13.22	154	368473	9.950 ng/ul	96
42) 2-Chloronaphthalene	13.25	162	285279	10.238 ng/ul	97
43) 2-Nitroaniline	13.46	65	54533	6.301 ng/ul	94
45) Dimethylphthalate	13.85	163	347059	9.635 ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	44389	6.977 ng/ul#	84
48) Acenaphthylene	14.10	152	425583	9.293 ng/ul	100
49) 3-Nitroaniline	14.29	138	46925	5.982 ng/ul#	93
50) Acenaphthene	14.45	153	303331	9.802 ng/ul	98
51) 2,4-Dinitrophenol	14.49	184	14113	3.591 ng/ul#	72
53) 4-Nitrophenol	14.59	109	38281	8.424 ng/ul#	72
54) Dibenzofuran	14.79	168	429233	9.916 ng/ul	96
55) 2,4-Dinitrotoluene	14.75	165	66536	7.115 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.00	232	71269	8.580 ng/ul#	76
57) Diethylphthalate	15.22	149	343860	9.173 ng/ul	96
59) Fluorene	15.43	166	347763	9.586 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.44	204	176454	10.381 ng/ul	94
61) 4-Nitroaniline	15.45	138	58616	6.976 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	28128	4.858 ng/ul	95
65) N-Nitrosodiphenylamine	15.65	169	295139	9.978 ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	107777	10.866 ng/ul	97
67) Hexachlorobenzene	16.43	284	118618	10.864 ng/ul#	95
68) Atrazine	16.60	200	98727	9.633 ng/ul	97
69) Pentachlorophenol	16.77	266	51330	7.322 ng/ul	95
70) Phenanthrene	17.17	178	530380	9.798 ng/ul	99
72) Anthracene	17.26	178	543850	9.792 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	157880	12.201 ng/uL	98
74) Pentachlorobenzene	14.70	250	140777	10.726 ng/uL	96
75) Carbazole	17.53	167	478333	10.094 ng/ul	99
76) Di-n-butylphthalate	18.12	149	540484	8.684 ng/ul	98
77) Fluoranthene	19.19	202	608862	10.936 ng/ul#	91
80) Pyrene	19.55	202	621113	10.451 ng/ul#	87
81) Butylbenzylphthalate	20.48	149	213063	7.795 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.24	252	199724	10.796 ng/ul#	98
83) Benzo(a)anthracene	21.30	228	625858	11.159 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.27	149	347782	8.286 ng/ul	97
85) Chrysene	21.36	228	586039	11.525 ng/ul	99
87) Di-n-octyl phthalate	22.16	149	586349	7.856 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	629506	9.949 ng/ul#	97
89) Benzo(k)fluoranthene	22.94	252	587794	9.673 ng/ul#	96
91) Benzo(a)pyrene	23.47	252	591505	9.905 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.82	276	705055	10.732 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.84	278	589045	10.574 ng/ul#	95
94) Benzo(g,h,i)perylene	26.51	276	581374	10.928 ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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