Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004640.D
Acq On : 26 Jan 2021 19:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 27 05:12:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 05:01:50 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV82

Manual Integrations APPROVED
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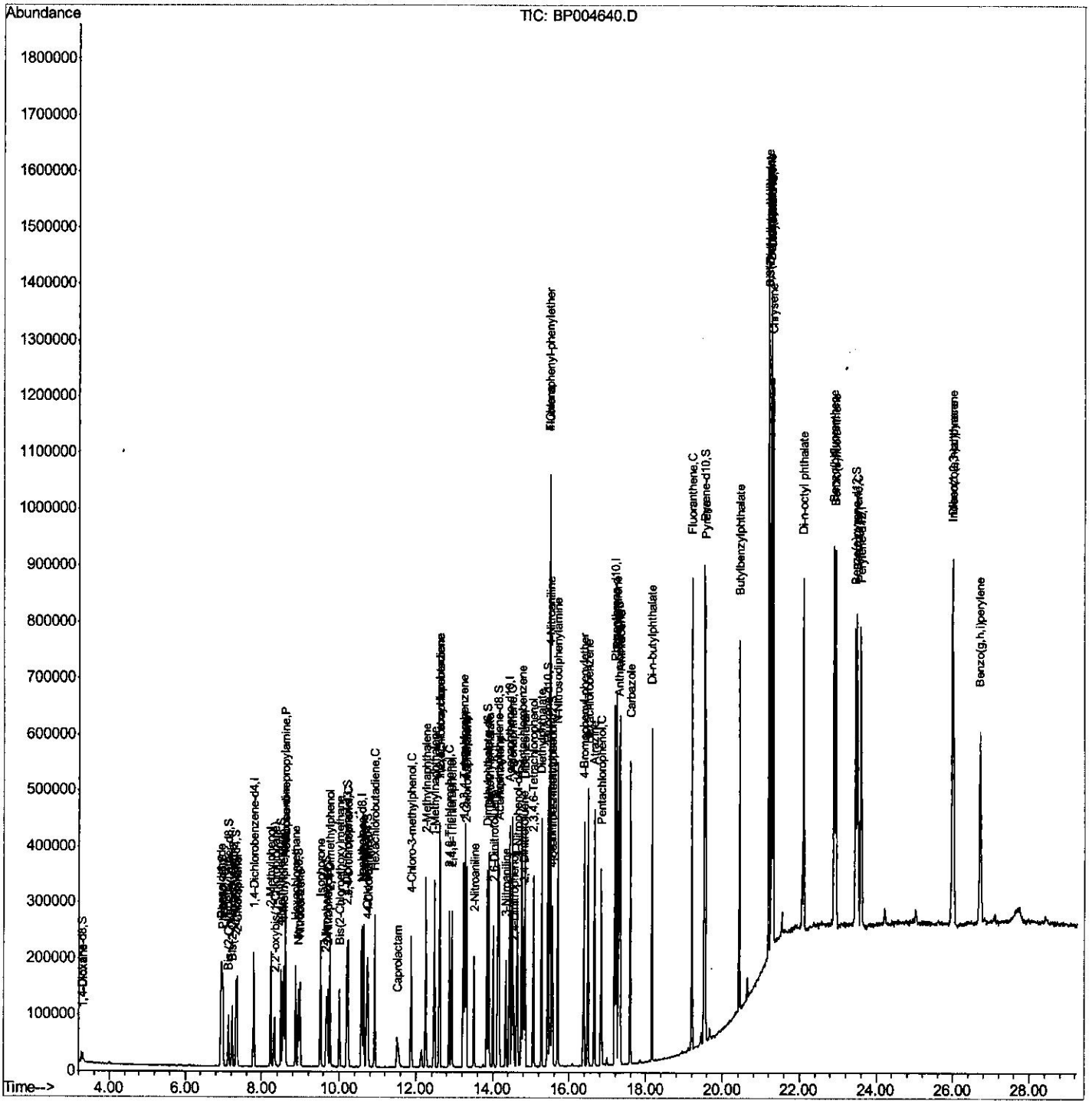

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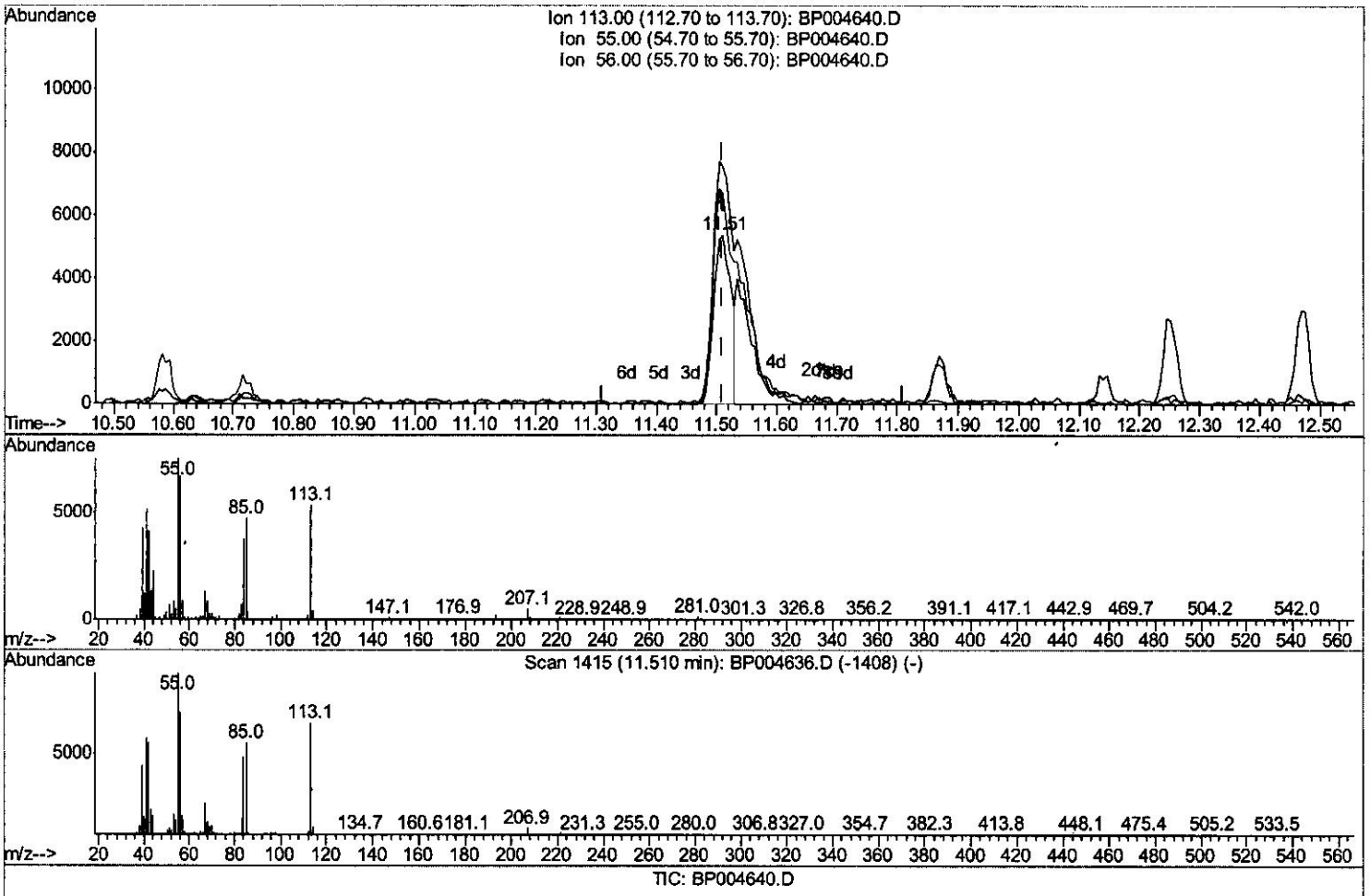

TIC: BP004640.D

(32) Caprolactam

11.510min (+0.001) 12.62ng/ul

response 10565

Ion	Exp%	Act%
113.00	100	100
55.00	146.90	140.70
56.00	110.00	125.07
0.00	0.00	0.00

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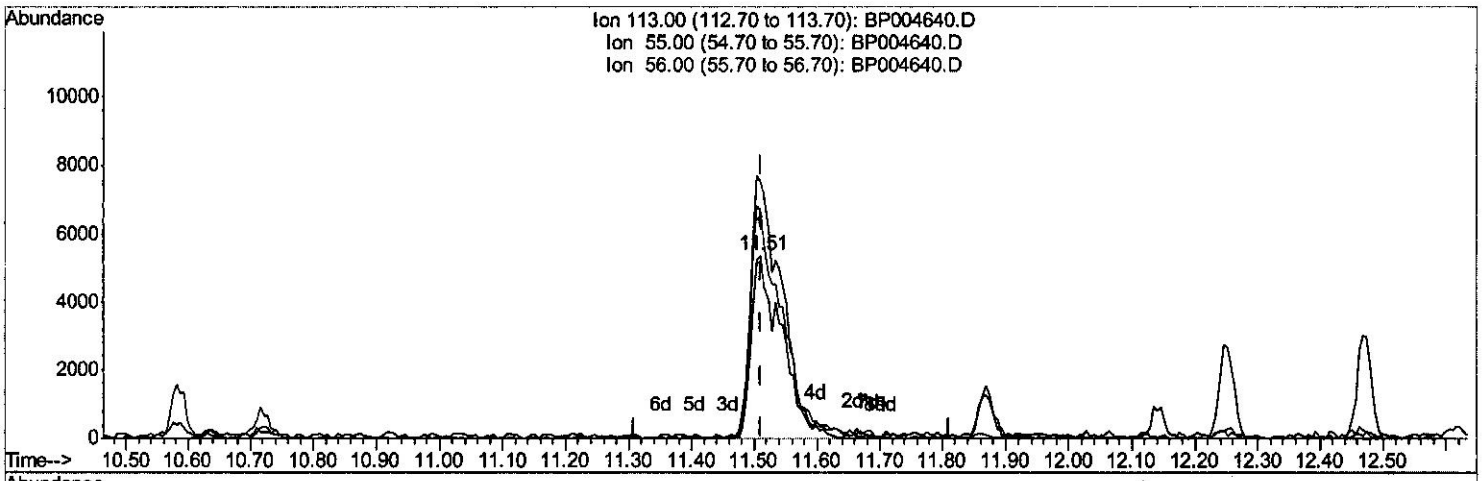

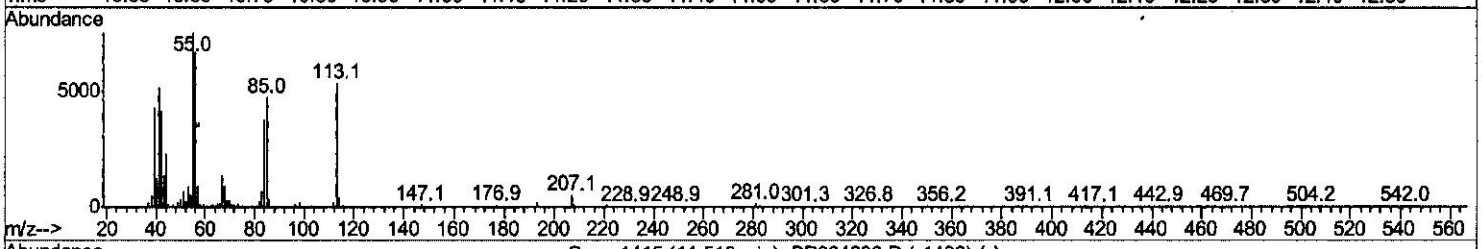

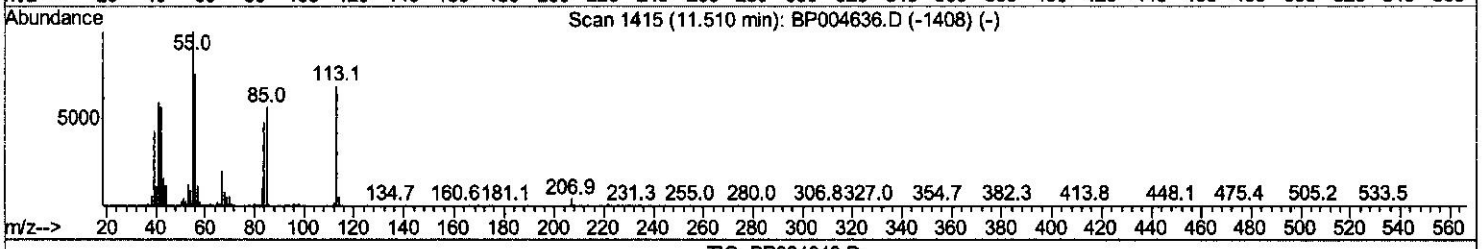

TIC: BP004640.D

(32) Caprolactam

11.510min (+0.001) 21.72ng/ul m JV 1/28/21

response 18192

Ion	Exp%	Act%
113.00	100	100
55.00	146.90	140.70
56.00	110.00	125.07
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	7.79	152	50228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	174344	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	149505	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	378068	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	434766	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	415128	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	7252	7.46	ng/uL	0.00
5) Phenol-d5	6.95	99	67443	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	40478	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	50012	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	53229	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	23525	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	29351	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	67048	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	63697	22.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	218316	19.70	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	258324	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	33251	20.28	ng/ul	0.00
58) Fluorene-d10	15.43	176	194670	19.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	45089	19.74	ng/ul	0.00
71) Anthracene-d10	17.29	188	331566	19.71	ng/ul	0.00
79) Pyrene-d10	19.53	212	411123	19.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	425833	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	8205	8.180	ng/uL	98
4) Benzaldehyde	6.93	77	51416	23.430	ng/ul	97
6) Phenol	6.98	94	71842	18.798	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	52681	19.131	ng/ul	94
10) 2-Chlorophenol	7.36	128	51210	18.735	ng/ul	98
11) 2-Methylphenol	8.23	108	51948	18.121	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	55297	19.175	ng/ul	98
14) Acetophenone	8.61	105	90447	18.650	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	49933	19.558	ng/ul	99
16) 4-Methylphenol	8.56	108	56322	18.636	ng/ul	87
17) Hexachloroethane	8.87	117	24475	19.407	ng/ul	92
20) Nitrobenzene	8.99	77	78376	20.730	ng/ul	97
21) Isophorone	9.52	82	132508	20.373	ng/ul	99
23) 2-Nitrophenol	9.70	139	31627	21.104	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	74517	20.404	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	72323	20.380	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	64294	19.448	ng/ul	98
28) Naphthalene	10.63	128	170346	19.988	ng/ul	98
30) 4-Chloroaniline	10.75	127	65866	22.497	ng/ul	99
31) Hexachlorobutadiene	10.92	225	58651	20.065	ng/ul	98
32) Caprolactam	11.51	113	18192m	21.722	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	63924	19.696	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	138407	19.835	ng/ul	99

JU 1/28/21

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.47	142	133776	19.685 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	107205	19.150 ng/ul	96
38) Hexachlorocyclopentadiene	12.60	237	73565	18.353 ng/ul	98
39) 2,4,6-Trichlorophenol	12.86	196	65689	19.948 ng/ul	93
40) 2,4,5-Trichlorophenol	12.93	196	68020	19.158 ng/ul	94
41) 1,1'-Biphenyl	13.27	154	204693	19.426 ng/ul	98
42) 2-Chloronaphthalene	13.31	162	164621	19.171 ng/ul	99
43) 2-Nitroaniline	13.51	65	49120	21.307 ng/ul	96
45) Dimethylphthalate	13.90	163	223773	19.898 ng/ul	99
46) 2,6-Dinitrotoluene	14.01	165	45288	20.591 ng/ul	96
48) Acenaphthylene	14.16	152	233602	19.659 ng/ul	100
49) 3-Nitroaniline	14.34	138	35519	22.072 ng/ul	96
50) Acenaphthene	14.50	153	167417	19.254 ng/ul	99
51) 2,4-Dinitrophenol	14.54	184	30382	20.158 ng/ul	96
53) 4-Nitrophenol	14.64	109	44605	20.800 ng/ul	95
54) Dibenzofuran	14.84	168	261583	19.345 ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	64139	20.673 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.06	232	70245	20.319 ng/ul	95
57) Diethylphthalate	15.27	149	213802	20.016 ng/ul	100
59) Fluorene	15.49	166	219568	19.326 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.49	204	133584	19.570 ng/ul	97
61) 4-Nitroaniline	15.50	138	41262	22.171 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.56	198	46464	19.939 ng/ul#	87
65) N-Nitrosodiphenylamine	15.70	169	195249	19.614 ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	90466	19.561 ng/ul	97
67) Hexachlorobenzene	16.49	284	101246	19.478 ng/ul	98
68) Atrazine	16.66	200	88581	19.362 ng/ul	95
69) Pentachlorophenol	16.83	266	64127	19.783 ng/ul	96
70) Phenanthrene	17.23	178	381196	19.523 ng/ul	97
72) Anthracene	17.33	178	388926	19.518 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	110114	18.931 ng/uL	97
74) Pentachlorobenzene	14.75	250	115571	18.971 ng/uL	96
75) Carbazole	17.59	167	326942	19.573 ng/ul	98
76) Di-n-butylphthalate	18.16	149	369951	20.329 ng/ul	99
77) Fluoranthene	19.20	202	501848	19.767 ng/ul	99
80) Pyrene	19.56	202	512799	19.235 ng/ul	98
81) Butylbenzylphthalate	20.43	149	162634	20.084 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	188590	20.388 ng/ul#	99
83) Benzo(a)anthracene	21.26	228	516400	19.692 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	241272	19.615 ng/ul	99
85) Chrysene	21.31	228	494787	19.430 ng/ul	98
87) Di-n-octyl phthalate	22.10	149	384713	18.649 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	509740	19.276 ng/ul	97
89) Benzo(k)fluoranthene	22.94	252	511784	19.956 ng/ul	97
91) Benzo(a)pyrene	23.49	252	446434	19.725 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.97	276	578993	19.902 ng/ul	98
93) Dibenzo(a,h)anthracene	25.99	278	494155	20.002 ng/ul	96
94) Benzo(g,h,i)perylene	26.70	276	483035	20.048 ng/ul	100

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

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