Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081021\
Data File : BP006648.D
Acq On : 11 Aug 2021 06:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 11 07:13:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 11 02:03:57 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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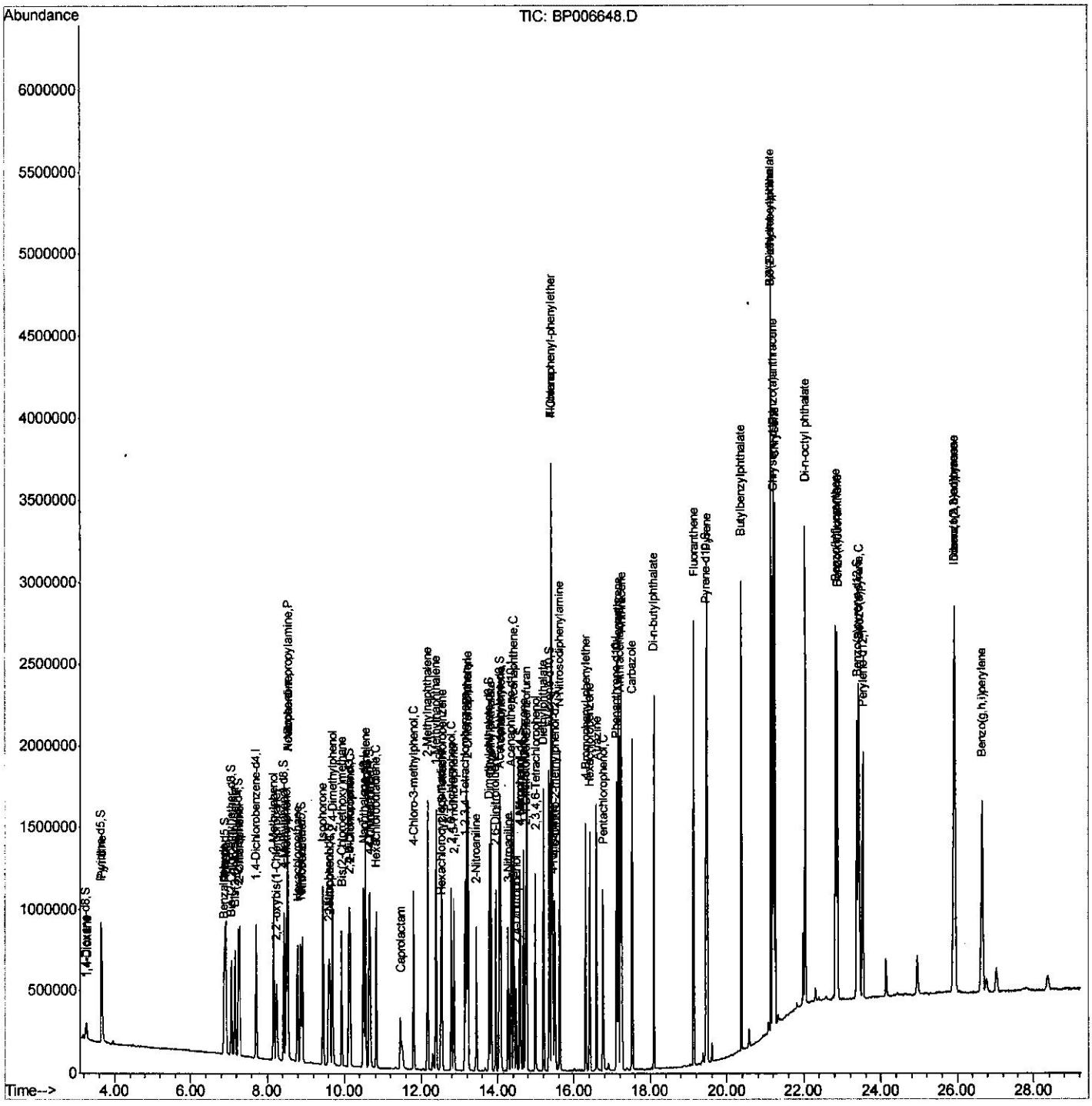

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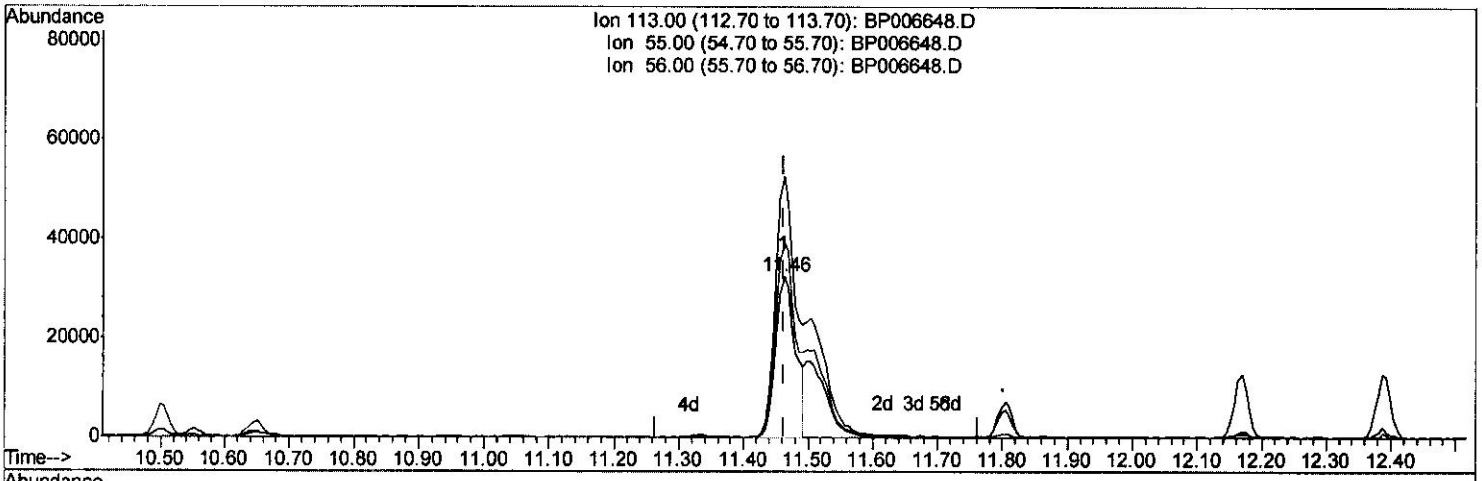

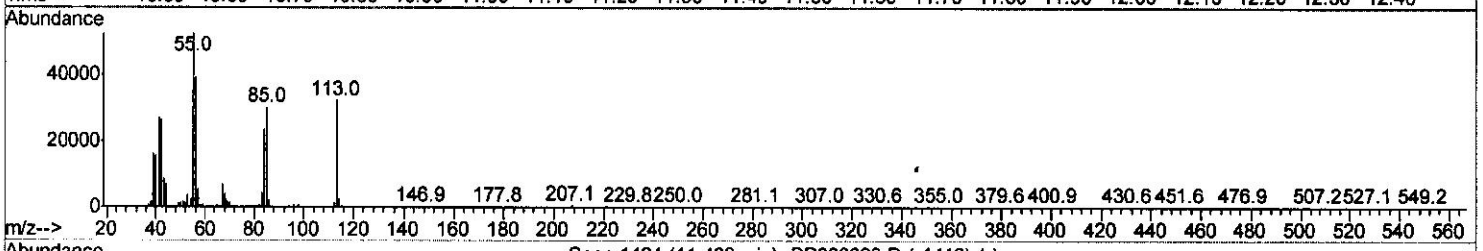

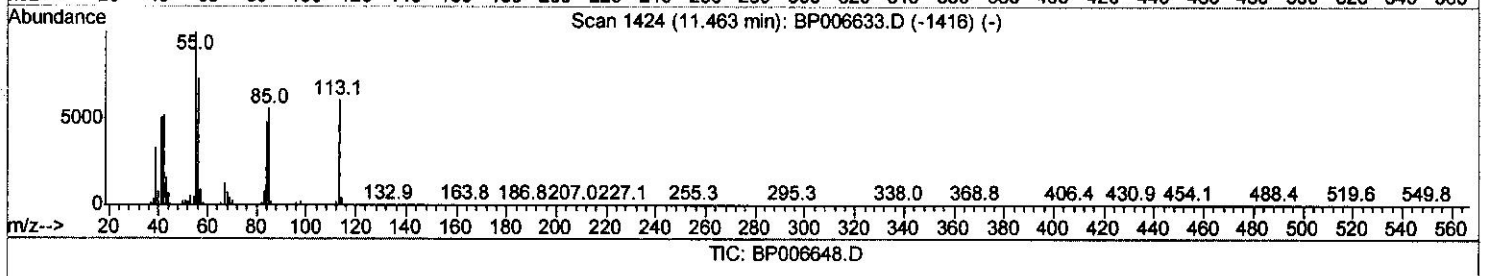

TIC: BP006648.D

(34) Caprolactam

11.463min (-0.000) 14.25ng/ul

response 70705

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	162.44
56.00	118.70	121.43
0.00	0.00	0.00

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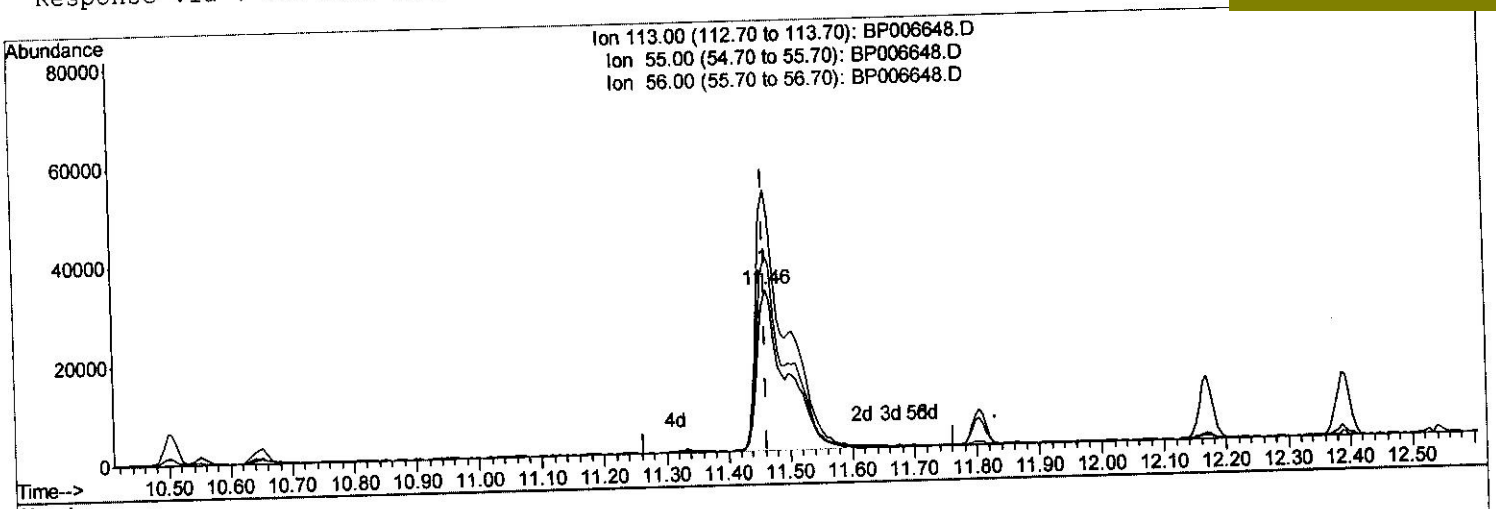
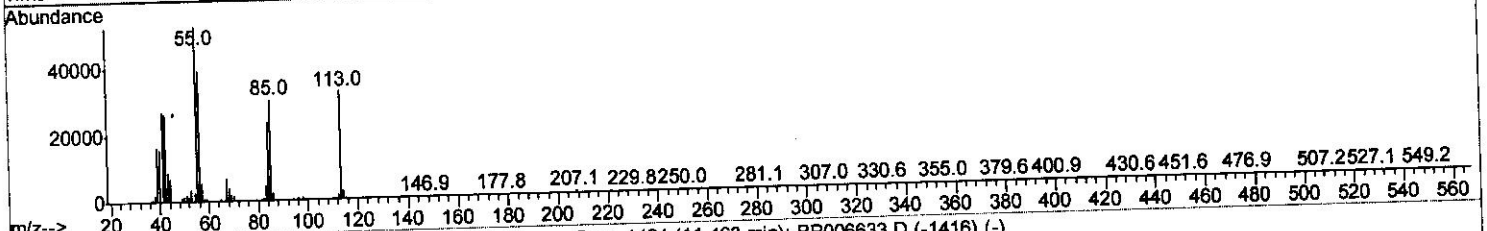
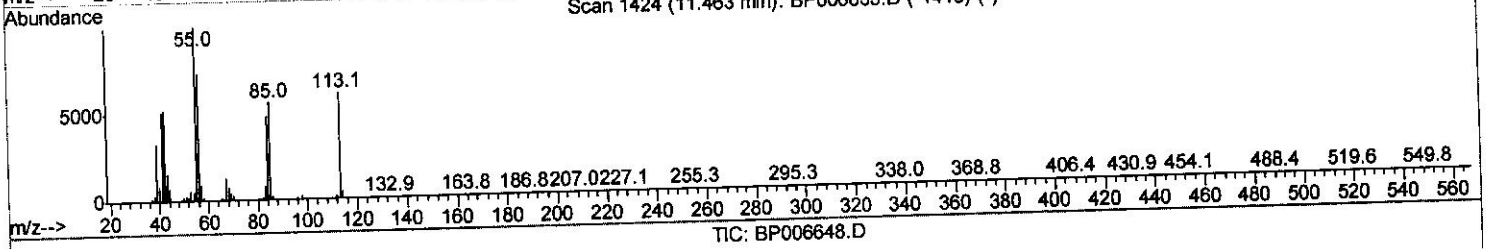




Scan 1424 (11.463 min): BP006633.D (-1416) (-)



TIC: BP006648.D

(34) Caprolactam

11.463min (-0.000) 21.29ng/ul m JV 8/16/21

response 105633

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	162.44
56.00	118.70	121.43
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	7.72	152	195947	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	851193	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	482993	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	942862	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	916263	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	947695	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	48523	8.38	ng/uL	0.00
4) Pyridine-d5	3.63	84	355120	21.32	ng/ul	0.00
7) Phenol-d5	6.90	99	411769	20.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	257279	21.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	320006	21.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	328450	20.87	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	159899	22.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	166073	21.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	282692	22.13	ng/ul	0.00
31) 4-Chloroaniline-d4	10.65	131	442910	21.33	ng/ul	0.00
46) Dimethylphthalate-d6	13.78	166	802758	21.67	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	995570	21.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	167182	21.61	ng/ul	0.00
60) Fluorene-d10	15.35	176	666885	22.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	114458	18.37	ng/ul	0.00
73) Anthracene-d10	17.21	188	1003224	22.49	ng/ul	0.00
81) Pyrene-d10	19.46	212	1080544	22.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	1137700	22.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	52463	8.913	ng/uL	97
5) Pyridine	3.66	79	361594	20.974	ng/ul	98
6) Benzaldehyde	6.87	77	191017	19.722	ng/ul	99
8) Phenol	6.93	94	426604	21.205	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.16	93	336800	21.721	ng/ul	100
12) 2-Chlorophenol	7.29	128	329009	22.240	ng/ul	97
13) 2-Methylphenol	8.17	108	313660	21.191	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.25	45	395958	21.855	ng/ul	99
16) Acetophenone	8.55	105	516404	20.845	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.53	70	280816	21.074	ng/ul	100
18) 4-Methylphenol	8.50	108	341069	21.195	ng/ul	97
19) Hexachloroethane	8.79	117	146951	22.827	ng/ul	99
22) Nitrobenzene	8.92	77	440066	23.264	ng/ul	99
23) Isophorone	9.45	82	788013	22.339	ng/ul	100
25) 2-Nitrophenol	9.62	139	181184	22.721	ng/ul	98
26) 2,4-Dimethylphenol	9.69	107	384637	22.453	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.93	93	459083	22.451	ng/ul	99
29) 2,4-Dichlorophenol	10.16	162	277560	22.397	ng/ul	99
30) Naphthalene	10.55	128	1066921	23.096	ng/ul	99
32) 4-Chloroaniline	10.67	127	431334	21.172	ng/ul	99
33) Hexachlorobutadiene	10.83	225	169413	23.186	ng/ul	98
34) Caprolactam	11.46	113	105633m	21.291	ng/ul	

JV 8/11/21

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	358301	22.602 ng/ul	99
36) 2-Methylnaphthalene	12.17	142	692833	21.825 ng/ul	98
37) 1-Methylnaphthalene	12.39	142	670382	21.221 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	300722	23.104 ng/ul	97
40) Hexachlorocyclopentadiene	12.52	237	150662	17.643 ng/ul	98
41) 2,4,6-Trichlorophenol	12.79	196	206533	23.105 ng/ul	100
42) 2,4,5-Trichlorophenol	12.86	196	221204	23.243 ng/ul	98
43) 1,1'-Biphenyl	13.19	154	855091	22.773 ng/ul	98
44) 2-Chloronaphthalene	13.23	162	667931	23.447 ng/ul	100
45) 2-Nitroaniline	13.45	65	237964	23.165 ng/ul	99
47) Dimethylphthalate	13.83	163	839515	22.915 ng/ul	99
48) 2,6-Dinitrotoluene	13.95	165	166869	23.598 ng/ul	92
50) Acenaphthylene	14.07	152	1036535	23.338 ng/ul	100
51) 3-Nitroaniline	14.27	138	183204	22.623 ng/ul	100
52) Acenaphthene	14.42	153	730628	23.071 ng/ul	99
53) 2,4-Dinitrophenol	14.48	184	78832	17.236 ng/ul	92
55) 4-Nitrophenol	14.59	109	161769	23.316 ng/ul	92
56) Dibenzofuran	14.76	168	962631	22.734 ng/ul	97
57) 2,4-Dinitrotoluene	14.73	165	245833	23.631 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.99	232	182492	23.099 ng/ul	96
59) Diethylphthalate	15.20	149	889120	22.832 ng/ul	99
61) Fluorene	15.41	166	804642	22.790 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.41	204	364288	22.792 ng/ul	99
63) 4-Nitroaniline	15.44	138	195566	25.790 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.50	198	126273	20.268 ng/ul	99
67) N-Nitrosodiphenylamine	15.63	169	656103	22.654 ng/ul	99
68) 4-Bromophenyl-phenylether	16.30	248	212178	22.817 ng/ul	96
69) Hexachlorobenzene	16.41	284	244953	23.309 ng/ul	96
70) Atrazine	16.59	200	233547	22.732 ng/ul	98
71) Pentachlorophenol	16.76	266	151135	21.956 ng/ul	99
72) Phenanthrene	17.16	178	1235552	23.196 ng/ul	100
74) Anthracene	17.25	178	1268724	23.456 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	293292	22.876 ng/uL	99
76) Pentachlorobenzene	14.67	250	285862	22.630 ng/uL	99
77) Carbazole	17.52	167	1138596	22.538 ng/ul	99
78) Di-n-butylphthalate	18.09	149	1515069	23.194 ng/ul	100
80) Fluoranthene	19.13	202	1408326	23.287 ng/ul	98
82) Pyrene	19.49	202	1452306	23.250 ng/ul	99
83) Butylbenzylphthalate	20.37	149	723521	23.429 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.14	252	334182	15.983 ng/ul	98
85) Benzo(a)anthracene	21.20	228	1379791	23.120 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	1091747	22.942 ng/ul	100
87) Chrysene	21.25	228	1324415	23.017 ng/ul	99
89) Di-n-octyl phthalate	22.04	149	1877106	22.914 ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1452951	23.601 ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	1339086	22.467 ng/ul	98
93) Benzo(a)pyrene	23.43	252	1299443	23.300 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.92	276	1664149	22.821 ng/ul	99
95) Dibenzo(a,h)anthracene	25.94	278	1403763	22.918 ng/ul	99
96) Benzo(g,h,i)perylene	26.66	276	1387905	22.923 ng/ul	99

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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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