Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081221\
Data File : BP006662.D
Acq On : 12 Aug 2021 13:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 13:48:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 12 11:07:46 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

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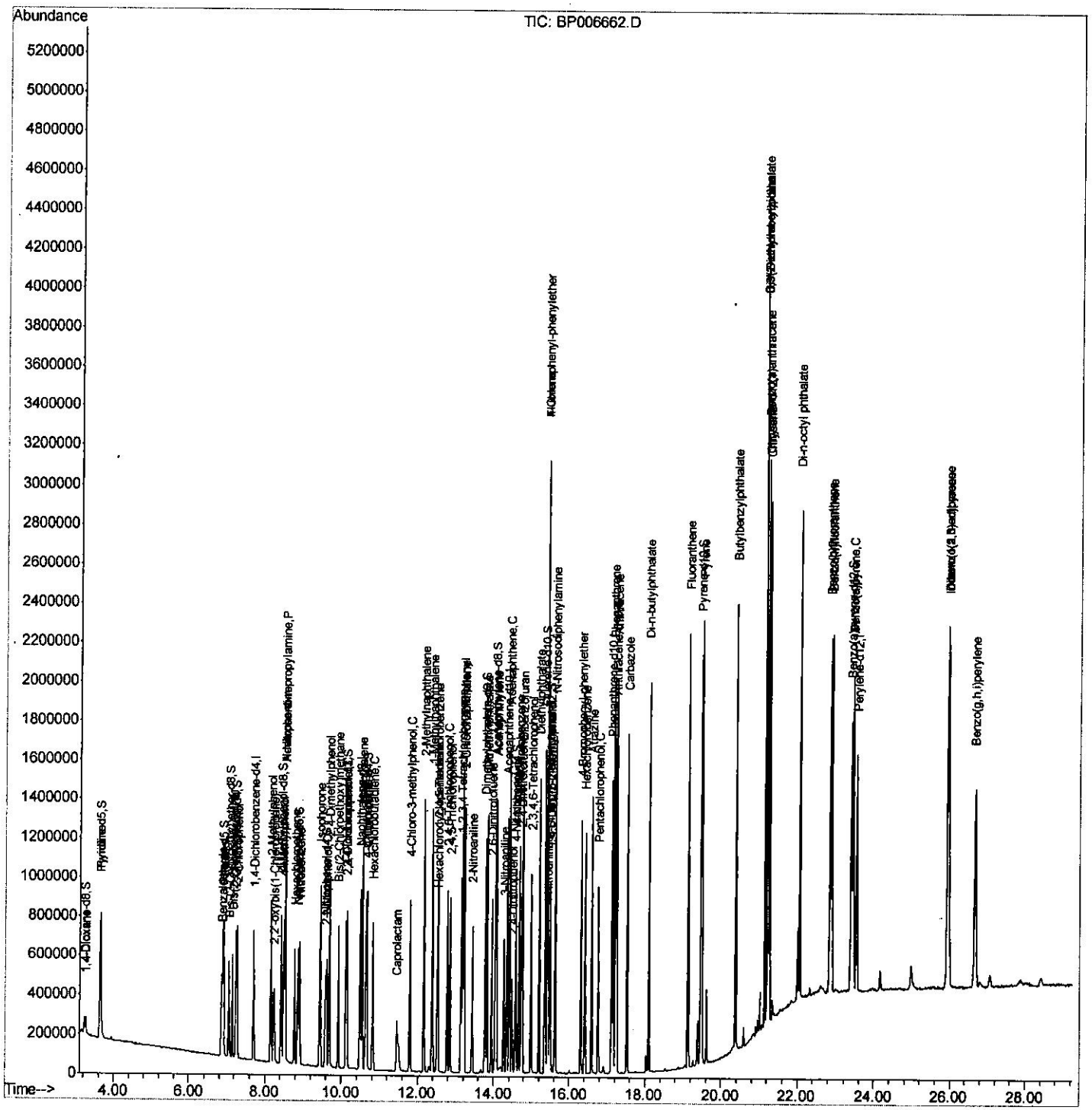

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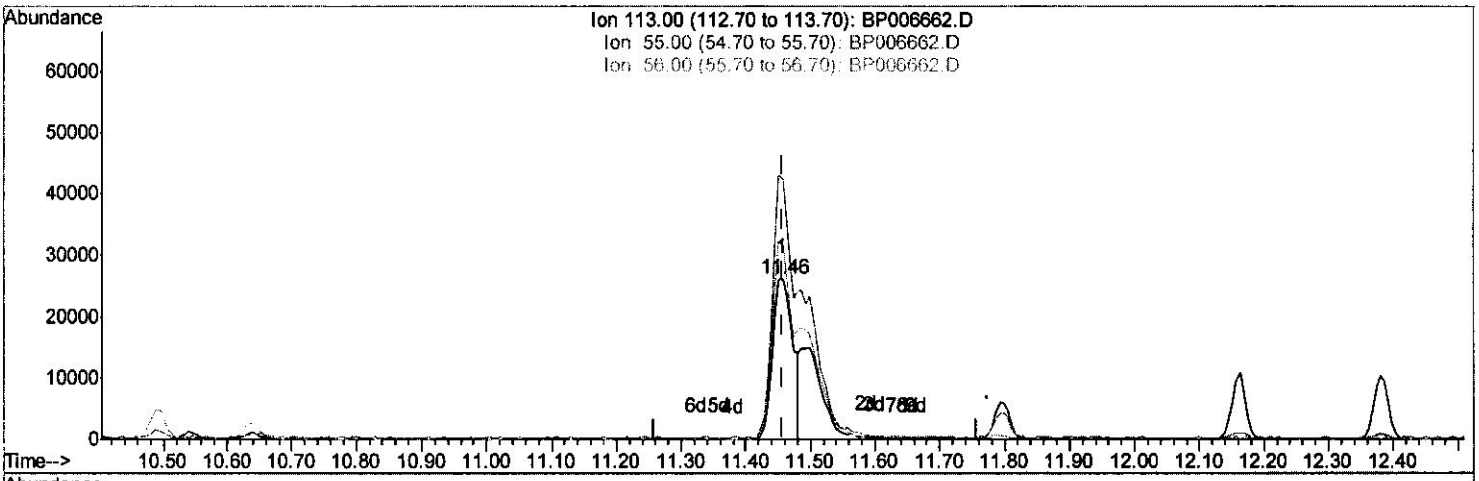

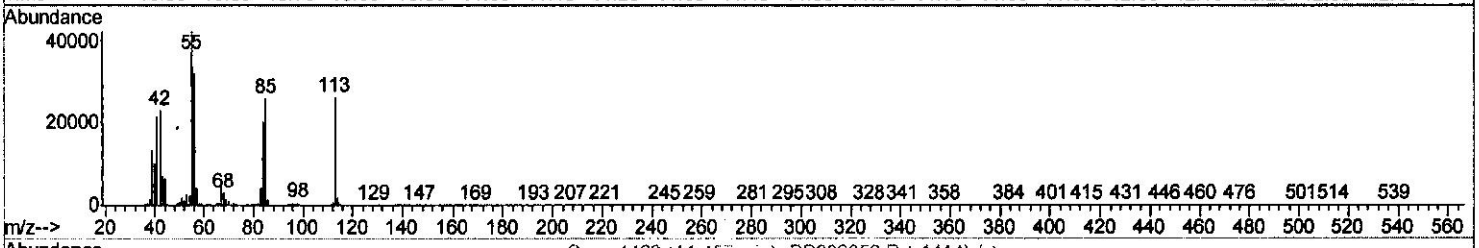

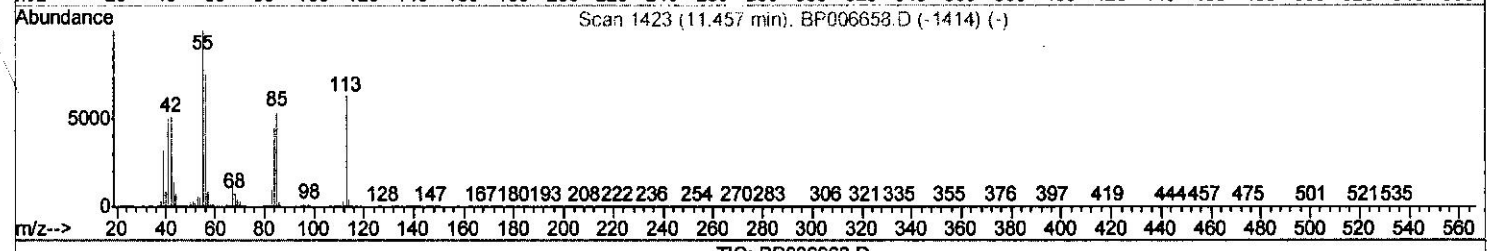

TIC: BP006662.D

(34) Caprolactam

11.457min (-0.000) 14.22ng/ul

response 57906

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	161.32
56.00	120.30	122.13
0.00	0.00	0.00

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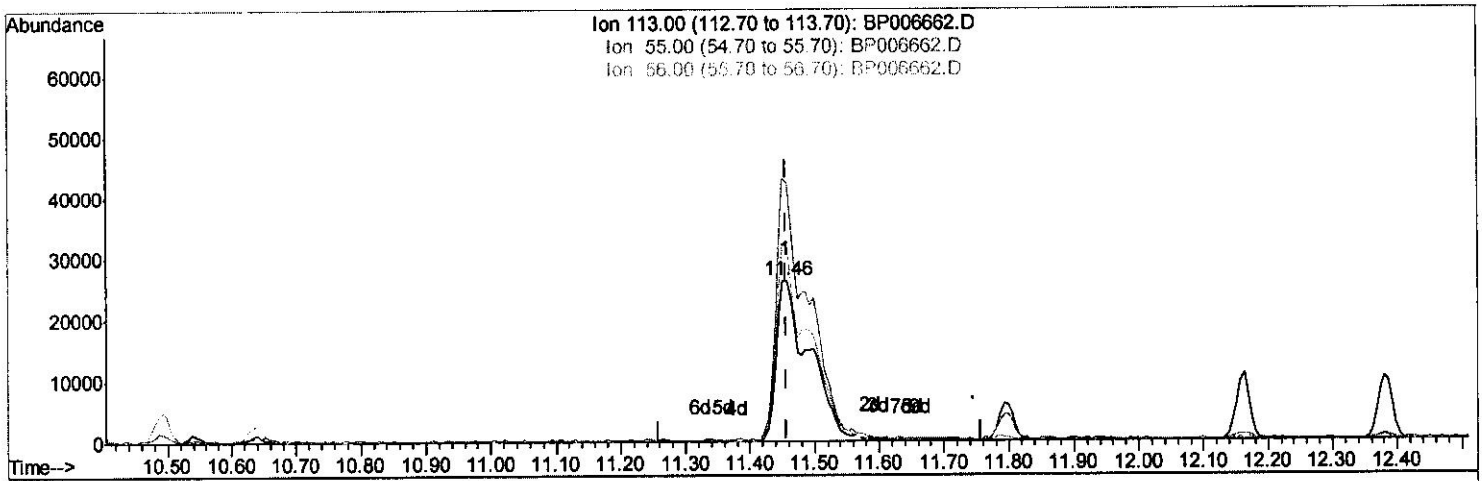

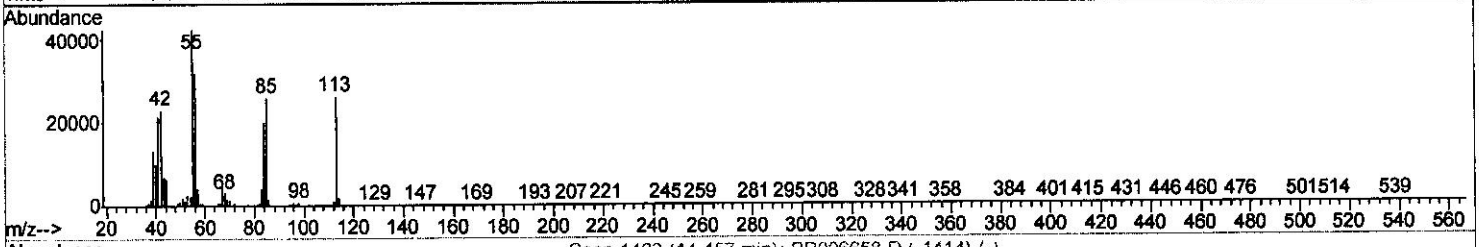

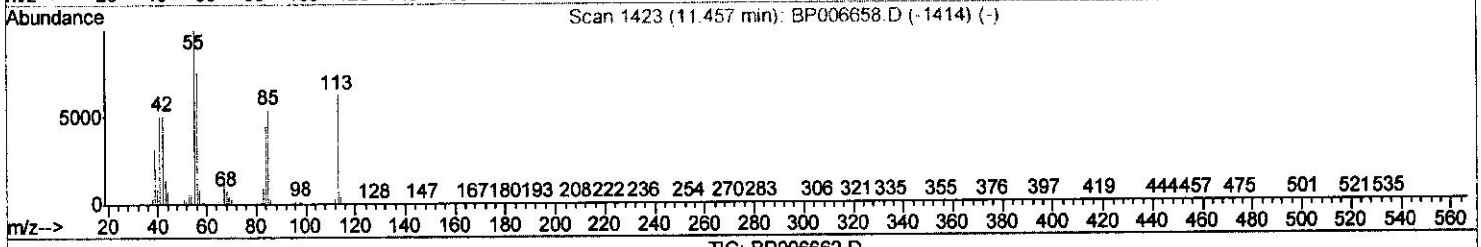

TIC: BP006662.D

(34) Caprolactam

11.457min (-0.000) 22.79ng/ul m JV 8/13/21

response 92825

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	161.32
56.00	120.30	122.13
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	159664	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	698857	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	411885	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	804579	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	766245	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	792366	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	46153	9.78	ng/uL	0.00
4) Pyridine-d5	3.63	84	313777	23.12	ng/ul	0.00
7) Phenol-d5	6.89	99	338856	21.11	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	213563	21.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	265319	22.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	270494	21.09	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	130870	22.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	137038	22.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	234904	22.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	373695	21.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	710271	22.49	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	848845	21.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	139642	21.16	ng/ul	0.00
60) Fluorene-d10	15.35	176	572918	22.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	107076	20.13	ng/ul	0.00
73) Anthracene-d10	17.22	188	863093	22.67	ng/ul	0.00
81) Pyrene-d10	19.46	212	905663	22.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	954165	22.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	46932	9.785	ng/uL	99
5) Pyridine	3.65	79	323097	23.000	ng/ul	99
6) Benzaldehyde	6.86	77	158437	20.076	ng/ul	94
8) Phenol	6.91	94	354418	21.621	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.15	93	279710	22.138	ng/ul	99
12) 2-Chlorophenol	7.27	128	269830	22.385	ng/ul	97
13) 2-Methylphenol	8.16	108	260045	21.561	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.24	45	323876	21.938	ng/ul	99
16) Acetophenone	8.53	105	437967	21.696	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.52	70	239495	22.057	ng/ul	99
18) 4-Methylphenol	8.49	108	277995	21.201	ng/ul	99
19) Hexachloroethane	8.78	117	120822	23.033	ng/ul	100
22) Nitrobenzene	8.90	77	363301	23.392	ng/ul	99
23) Isophorone	9.43	82	668217	23.072	ng/ul	100
25) 2-Nitrophenol	9.62	139	148342	22.658	ng/ul	98
26) 2,4-Dimethylphenol	9.68	107	318422	22.639	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.92	93	387220	23.065	ng/ul	99
29) 2,4-Dichlorophenol	10.15	162	230744	22.678	ng/ul	98
30) Naphthalene	10.55	128	872288	22.998	ng/ul	100
32) 4-Chloroaniline	10.66	127	366098	21.887	ng/ul	100
33) Hexachlorobutadiene	10.82	225	140702	23.454	ng/ul	99
34) Caprolactam	11.46	113	92825m	22.788	ng/ul	

JU 8/13/21

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	301771	23.186 ng/ul	97
36) 2-Methylnaphthalene	12.16	142	584147	22.413 ng/ul	99
37) 1-Methylnaphthalene	12.38	142	563772	21.736 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	252875	22.782 ng/ul	97
40) Hexachlorocyclopentadiene	12.51	237	144757	19.878 ng/ul	98
41) 2,4,6-Trichlorophenol	12.78	196	175528	23.026 ng/ul	99
42) 2,4,5-Trichlorophenol	12.85	196	186103	22.931 ng/ul	98
43) 1,1'-Biphenyl	13.19	154	731518	22.846 ng/ul	99
44) 2-Chloronaphthalene	13.22	162	558320	22.983 ng/ul	98
45) 2-Nitroaniline	13.44	65	196321	22.411 ng/ul	99
47) Dimethylphthalate	13.82	163	732524	23.446 ng/ul	100
48) 2,6-Dinitrotoluene	13.95	165	142912	23.700 ng/ul	98
50) Acenaphthylene	14.07	152	880767	23.254 ng/ul	100
51) 3-Nitroaniline	14.27	138	137467	19.906 ng/ul	98
52) Acenaphthene	14.42	153	632039	23.403 ng/ul	98
53) 2,4-Dinitrophenol	14.48	184	77938	19.983 ng/ul	98
55) 4-Nitrophenol	14.59	109	132322	22.365 ng/ul	99
56) Dibenzofuran	14.76	168	826947	22.901 ng/ul	98
57) 2,4-Dinitrotoluene	14.73	165	208606	23.514 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	157007	23.304 ng/ul	99
59) Diethylphthalate	15.20	149	785165	23.643 ng/ul	99
61) Fluorene	15.41	166	688109	22.854 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.41	204	318910	23.397 ng/ul	100
63) 4-Nitroaniline	15.44	138	141834	21.933 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.50	198	116733	21.957 ng/ul	96
67) N-Nitrosodiphenylamine	15.63	169	570562	23.087 ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	186768	23.537 ng/ul	95
69) Hexachlorobenzene	16.41	284	210292	23.450 ng/ul	97
70) Atrazine	16.59	200	201323	22.963 ng/ul	99
71) Pentachlorophenol	16.76	266	130446	22.207 ng/ul	99
72) Phenanthrene	17.16	178	1062078	23.366 ng/ul	100
74) Anthracene	17.25	178	1077375	23.342 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	249481	22.803 ng/uL	97
76) Pentachlorobenzene	14.67	250	247916	22.999 ng/uL	100
77) Carbazole	17.53	167	966214	22.412 ng/ul	99
78) Di-n-butylphthalate	18.09	149	1313015	23.556 ng/ul	100
80) Fluoranthene	19.13	202	1193688	23.602 ng/ul	98
82) Pyrene	19.49	202	1234472	23.632 ng/ul	99
83) Butylbenzylphthalate	20.38	149	605335	23.440 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.15	252	339703	19.428 ng/ul	97
85) Benzo(a)anthracene	21.20	228	1137609	22.794 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	897597	22.555 ng/ul	99
87) Chrysene	21.26	228	1098848	22.835 ng/ul	99
89) Di-n-octyl phthalate	22.05	149	1537604	22.449 ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	1194631	23.209 ng/ul	99
91) Benzo(k)fluoranthene	22.89	252	1110573	22.285 ng/ul	99
93) Benzo(a)pyrene	23.44	252	1074754	23.049 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.93	276	1385201	22.720 ng/ul	99
95) Dibenzo(a,h)anthracene	25.96	278	1161156	22.673 ng/ul	99
96) Benzo(g,h,i)perylene	26.67	276	1150541	22.728 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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