

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013076.D
 Acq On : 21 Nov 2017 10:38
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

Quant Time: Nov 21 14:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:39:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	237286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1032725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	652913	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1537573	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1381393	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1057742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	25204	4.92	ng/uL	0.00
5) Phenol-d5	6.89	99	333899	16.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	189854	16.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	263915	16.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	289434	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	139664	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	151021	21.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	305585	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	335043	18.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	982257	17.15	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1201093	16.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	151134	17.40	ng/ul	0.01
57) Fluorene-d10	15.35	176	816980	16.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	109985	16.50	ng/ul	0.00
70) Anthracene-d10	17.20	188	1276942	16.22	ng/ul	0.00
76) Pyrene-d10	19.49	212	1334986	18.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	889320	16.58	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	31899	5.668	ng/uL#	62
4) Benzaldehyde	6.86	77	172217	15.547	ng/ul	91
6) Phenol	6.92	94	327115	16.125	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	249626	16.343	ng/ul	98
10) 2-Chlorophenol	7.28	128	262850	16.166	ng/ul	94
11) 2-Methylphenol	8.16	108	254746	16.544	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	274691	15.852	ng/ul#	80
14) Acetophenone	8.53	105	440183	17.059	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.52	70	221293	16.722	ng/ul#	66
16) 4-Methylphenol	8.49	108	278670	17.042	ng/ul	94
17) Hexachloroethane	8.78	117	114456	16.622	ng/ul#	76
20) Nitrobenzene	8.91	77	334442	18.186	ng/ul	96
21) Isophorone	9.43	82	621849	16.502	ng/ul#	96
23) 2-Nitrophenol	9.62	139	157781	20.709	ng/ul#	76
24) 2,4-Dimethylphenol	9.68	107	328126	16.371	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.92	93	365276	16.893	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	282333	17.096	ng/ul#	90
28) Naphthalene	10.55	128	880315	16.543	ng/ul	98
30) 4-Chloroaniline	10.66	127	323547	18.161	ng/ul	96
31) Hexachlorobutadiene	10.83	225	203106	17.080	ng/ul	93
32) Caprolactam	11.43	113	93093	17.952	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.79	107	312983	17.793	ng/ul	92
34) 2-Methylnaphthalene	12.16	142	670853	17.231	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.53	216	384957	16.209	ng/ul	95
37) Hexachlorocyclopentadiene	12.51	237	234433	13.348	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	254653	17.792	ng/ul	95
39) 2,4,5-Trichlorophenol	12.85	196	267893	17.901	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	903875	16.431	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	713534	16.365	ng/ul	99
42) 2-Nitroaniline	13.43	65	212265	22.924	ng/ul	88
44) Dimethylphthalate	13.82	163	927468	16.935	ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	189654	22.696	ng/ul#	96
47) Acenaphthylene	14.07	152	1086179	16.158	ng/ul	99
48) 3-Nitroaniline	14.26	138	173138	22.122	ng/ul	89
49) Acenaphthene	14.42	153	750468	16.612	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	56428	14.106	ng/ul	95
52) 4-Nitrophenol	14.58	109	142982	18.164	ng/ul	85
53) Dibenzofuran	14.75	168	1094028	16.906	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	273282	23.380	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.98	232	242303	19.335	ng/ul#	88
56) Diethylphthalate	15.19	149	944089	17.051	ng/ul	95
58) Fluorene	15.40	166	890812	16.715	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	483474	17.172	ng/ul	97
60) 4-Nitroaniline	15.43	138	188569	18.321	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	115816	15.995	ng/ul	94
64) N-Nitrosodiphenylamine	15.62	169	772902	16.011	ng/ul	95
65) 4-Bromophenyl-phenylether	16.30	248	309454	16.617	ng/ul	95
66) Hexachlorobenzene	16.40	284	333270	16.582	ng/ul#	93
67) Atrazine	16.57	200	309677	16.748	ng/ul	94
68) Pentachlorophenol	16.75	266	155645	15.015	ng/ul	99
69) Phenanthrene	17.14	178	1433865	16.580	ng/ul	99
71) Anthracene	17.23	178	1457975	16.248	ng/ul	98
72) Carbazole	17.50	167	1227601	15.820	ng/ul	98
73) Di-n-butylphthalate	18.07	149	1563782	15.820	ng/ul	98
74) Fluoranthene	19.16	202	1647670	15.762	ng/ul#	95
77) Pyrene	19.52	202	1635864	19.018	ng/ul#	92
78) Butylbenzylphthalate	20.43	149	658798	18.433	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.21	252	400394	14.102	ng/ul	98
80) Benzo(a)anthracene	21.27	228	1434598	16.227	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	933083	17.714	ng/ul	98
82) Chrysene	21.32	228	1302476	15.887	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	1409223	20.218	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	1188917	17.393	ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	1116445	17.740	ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1057289	16.609	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.76	276	1125294	15.133	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.77	278	937126	14.877	ng/ul#	93
91) Benzo(g,h,i)perylene	26.44	276	915314	14.815	ng/ul#	96

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

