

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014735.D
 Acq On : 19 Apr 2018 16:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02088

Quant Time: Apr 20 01:01:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 15:04:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	302064	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1272159	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	690205	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1491321	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1529873	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1517135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	56947	8.23	ng/uL	0.00
5) Phenol-d5	7.66	99	501588	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	325097	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	417979	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	407788	21.90	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	192824	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	193559	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	390403	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	514249	28.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	1133057	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1413727	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	211949	21.20	ng/ul	0.00
57) Fluorene-d10	16.12	176	980325	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	154154	19.10	ng/ul	0.00
70) Anthracene-d10	17.96	188	1452305	20.90	ng/ul	0.00
76) Pyrene-d10	20.19	212	1528137	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1555353	20.87	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.71	88	59650	8.195	ng/uL#	77
4) Benzaldehyde	7.66	77	319930	26.045	ng/ul	91
6) Phenol	7.69	94	495417	21.563	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.94	93	402411	21.904	ng/ul	90
10) 2-Chlorophenol	8.10	128	406813	21.147	ng/ul	96
11) 2-Methylphenol	8.97	108	364216	21.567	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.07	45	752781	22.164	ng/ul	97
14) Acetophenone	9.38	105	606114	22.212	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.36	70	311672	22.009	ng/ul#	80
16) 4-Methylphenol	9.31	108	399221	21.968	ng/ul	97
17) Hexachloroethane	9.66	117	164348	20.886	ng/ul#	70
20) Nitrobenzene	9.77	77	465335	21.179	ng/ul	93
21) Isophorone	10.30	82	803155	21.375	ng/ul#	93
23) 2-Nitrophenol	10.49	139	213205	21.427	ng/ul#	73
24) 2,4-Dimethylphenol	10.53	107	440320	20.945	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.77	93	529704	20.970	ng/ul	97
27) 2,4-Dichlorophenol	11.02	162	371818	20.925	ng/ul#	90
28) Naphthalene	11.45	128	1282957	20.695	ng/ul	100
30) 4-Chloroaniline	11.54	127	497871	27.921	ng/ul	93
31) Hexachlorobutadiene	11.72	225	231166	20.218	ng/ul	95
32) Caprolactam	12.29	113	106341	20.771	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.62	107	383839	21.356	ng/ul	92
34) 2-Methylnaphthalene	13.02	142	901057	20.931	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	447167	20.667	ng/ul#	97
37) Hexachlorocyclopentadiene	13.35	237	297523	19.960	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	281364	21.054	ng/ul	98
39) 2,4,5-Trichlorophenol	13.66	196	302728	21.208	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	1155002	20.810	ng/ul#	99
41) 2-Chloronaphthalene	14.05	162	897686	20.827	ng/ul	99
42) 2-Nitroaniline	14.23	65	242081	21.224	ng/ul	90
44) Dimethylphthalate	14.59	163	1095052	21.025	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	208207	21.796	ng/ul	90
47) Acenaphthylene	14.87	152	1363897	21.160	ng/ul	99
48) 3-Nitroaniline	15.04	138	217540	23.142	ng/ul	88
49) Acenaphthene	15.21	153	963896	21.043	ng/ul	99
50) 2,4-Dinitrophenol	15.23	184	97260	18.337	ng/ul#	67
52) 4-Nitrophenol	15.32	109	153565	21.310	ng/ul#	80
53) Dibenzofuran	15.54	168	1328740	20.889	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	308189	21.897	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.75	232	255128	21.065	ng/ul#	84
56) Diethylphthalate	15.92	149	1101139	21.003	ng/ul	94
58) Fluorene	16.18	166	1073787	20.906	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.16	204	535356	20.824	ng/ul	97
60) 4-Nitroaniline	16.18	138	227859	20.779	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	165126	19.692	ng/ul	92
64) N-Nitrosodiphenylamine	16.37	169	907618	20.986	ng/ul	99
65) 4-Bromophenyl-phenylether	17.04	248	322357	20.466	ng/ul	94
66) Hexachlorobenzene	17.17	284	376934	20.598	ng/ul#	94
67) Atrazine	17.29	200	306979	22.228	ng/ul#	91
68) Pentachlorophenol	17.50	266	205552	19.750	ng/ul	96
69) Phenanthrene	17.90	178	1668352	20.831	ng/ul	99
71) Anthracene	17.99	178	1695272	20.857	ng/ul	99
72) Carbazole	18.25	167	1461402	21.076	ng/ul	99
73) Di-n-butylphthalate	18.77	149	1757130	20.839	ng/ul#	97
74) Fluoranthene	19.86	202	1856647	21.263	ng/ul#	83
77) Pyrene	20.22	202	1899592	21.251	ng/ul#	81
78) Butylbenzylphthalate	21.06	149	771508	21.156	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.84	252	659608	22.599	ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1871908	20.924	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	1103442	20.614	ng/ul#	95
82) Chrysene	21.99	228	1755460	20.960	ng/ul	99
84) Di-n-octyl phthalate	22.77	149	1798944	20.616	ng/ul#	93
85) Benzo(b)fluoranthene	23.68	252	1831824	20.482	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	1848134	21.490	ng/ul#	96
88) Benzo(a)pyrene	24.34	252	1772095	20.889	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	2112768	20.586	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.05	278	1783101	20.635	ng/ul#	94
91) Benzo(g,h,i)perylene	27.84	276	1737684	20.581	ng/ul#	90

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

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