

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014871.D
 Acq On : 30 Apr 2018 17:40
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02006

Quant Time: May 01 03:08:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 03:05:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	349843	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1429773	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	720524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1422530	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1364511	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1425091	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	66165	8.26	ng/uL	0.00
5) Phenol-d5	7.62	99	579511	21.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	391683	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	477840	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	453218	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	212346	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	215464	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	414810	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	551545	26.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1087166	19.33	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1412539	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	192247	18.42	ng/ul	0.00
57) Fluorene-d10	16.08	176	943613	19.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	142529	18.52	ng/ul	0.00
70) Anthracene-d10	17.92	188	1331548	20.09	ng/ul	0.00
76) Pyrene-d10	20.15	212	1324210	20.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1397090	19.95	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.68	88	71266	8.453	ng/uL#	81
4) Benzaldehyde	7.62	77	372291	26.169	ng/ul	91
6) Phenol	7.65	94	575940	21.644	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.90	93	461520	21.690	ng/ul	90
10) 2-Chlorophenol	8.05	128	469957	21.093	ng/ul	95
11) 2-Methylphenol	8.93	108	413762	21.155	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.03	45	902302	22.939	ng/ul	97
14) Acetophenone	9.33	105	675634	21.378	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.31	70	350157	21.350	ng/ul#	82
16) 4-Methylphenol	9.26	108	443723	21.082	ng/ul	95
17) Hexachloroethane	9.60	117	188730	20.709	ng/ul#	66
20) Nitrobenzene	9.72	77	527766	21.372	ng/ul	94
21) Isophorone	10.25	82	875074	20.721	ng/ul#	94
23) 2-Nitrophenol	10.44	139	235394	21.049	ng/ul#	80
24) 2,4-Dimethylphenol	10.48	107	490824	20.774	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.72	93	580816	20.459	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	396465	19.852	ng/ul#	91
28) Naphthalene	11.39	128	1411131	20.254	ng/ul	99
30) 4-Chloroaniline	11.49	127	535265	26.709	ng/ul	93
31) Hexachlorobutadiene	11.66	225	241027	18.756	ng/ul	95
32) Caprolactam	12.24	113	105482	18.332	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.57	107	409304	20.262	ng/ul	94
34) 2-Methylnaphthalene	12.96	142	958341	19.807	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.32	216	439446	19.455	ng/ul#	96
37) Hexachlorocyclopentadiene	13.30	237	294999	18.957	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	279835	20.058	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	296965	19.929	ng/ul	97
40) 1,1'-Biphenyl	13.94	154	1177371	20.320	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	916682	20.373	ng/ul	97
42) 2-Nitroaniline	14.19	65	264147	22.184	ng/ul	98
44) Dimethylphthalate	14.54	163	1062427	19.540	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	200952	20.151	ng/ul#	93
47) Acenaphthylene	14.83	152	1373349	20.410	ng/ul	99
48) 3-Nitroaniline	15.00	138	211273	21.530	ng/ul	89
49) Acenaphthene	15.17	153	963614	20.151	ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	92546	16.714	ng/ul#	90
52) 4-Nitrophenol	15.27	109	150559	20.014	ng/ul#	84
53) Dibenzofuran	15.49	168	1309253	19.717	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	284330	19.352	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.71	232	237615	18.793	ng/ul#	81
56) Diethylphthalate	15.88	149	1037713	18.960	ng/ul	94
58) Fluorene	16.13	166	1039072	19.379	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	503007	18.742	ng/ul	92
60) 4-Nitroaniline	16.14	138	217283	18.981	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.20	198	146318	18.293	ng/ul	94
64) N-Nitrosodiphenylamine	16.33	169	864727	20.961	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	298861	19.892	ng/ul	94
66) Hexachlorobenzene	17.13	284	353756	20.266	ng/ul#	91
67) Atrazine	17.25	200	274603	20.846	ng/ul#	94
68) Pentachlorophenol	17.46	266	181464	18.279	ng/ul	99
69) Phenanthrene	17.86	178	1545359	20.228	ng/ul	99
71) Anthracene	17.95	178	1569864	20.248	ng/ul	99
72) Carbazole	18.21	167	1343286	20.309	ng/ul	98
73) Di-n-butylphthalate	18.73	149	1599545	19.888	ng/ul#	97
74) Fluoranthene	19.82	202	1611802	19.351	ng/ul#	80
77) Pyrene	20.18	202	1655785	20.769	ng/ul#	78
78) Butylbenzylphthalate	21.02	149	682378	20.980	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.81	252	501924	19.280	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1592658	19.960	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	971794	20.355	ng/ul#	96
82) Chrysene	21.94	228	1499543	20.074	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1623130	19.803	ng/ul#	92
85) Benzo(b)fluoranthene	23.63	252	1649534	19.635	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1587491	19.651	ng/ul#	96
88) Benzo(a)pyrene	24.27	252	1562253	19.604	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.95	276	1942592	20.151	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.96	278	1634819	20.141	ng/ul#	92
91) Benzo(g,h,i)perylene	27.74	276	1587371	20.015	ng/ul#	89

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

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