

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014941.D
 Acq On : 03 May 2018 02:30
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

Quant Time: May 03 06:52:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 06:51:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	433313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1793311	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	897423	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1752417	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1578827	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1594101	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	79250	7.99	ng/uL	0.00
5) Phenol-d5	7.62	99	732394	21.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	493065	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	601790	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	573994	21.49	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	272635	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	277120	21.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	524729	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	702600	27.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1393414	19.89	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1788683	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	249583	19.20	ng/ul	0.00
57) Fluorene-d10	16.07	176	1202225	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	179659	18.95	ng/ul	0.00
70) Anthracene-d10	17.91	188	1651411	20.22	ng/ul	0.00
76) Pyrene-d10	20.14	212	1585221	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1575766	20.12	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.68	88	85640	8.202	ng/uL#	82
4) Benzaldehyde	7.61	77	473994	26.899	ng/ul	92
6) Phenol	7.65	94	730117	22.153	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.89	93	583415	22.137	ng/ul#	86
10) 2-Chlorophenol	8.05	128	586249	21.244	ng/ul	93
11) 2-Methylphenol	8.93	108	516902	21.337	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1165186	23.916	ng/ul#	97
14) Acetophenone	9.33	105	856027	21.868	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.30	70	455450	22.421	ng/ul#	84
16) 4-Methylphenol	9.26	108	558197	21.412	ng/ul	96
17) Hexachloroethane	9.60	117	240813	21.334	ng/ul#	65
20) Nitrobenzene	9.72	77	673391	21.741	ng/ul	94
21) Isophorone	10.25	82	1139353	21.510	ng/ul#	93
23) 2-Nitrophenol	10.43	139	302054	21.534	ng/ul#	79
24) 2,4-Dimethylphenol	10.47	107	622304	20.999	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	737929	20.723	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	498197	19.889	ng/ul#	89
28) Naphthalene	11.39	128	1764859	20.196	ng/ul	100
30) 4-Chloroaniline	11.49	127	667511	26.556	ng/ul	94
31) Hexachlorobutadiene	11.66	225	298205	18.502	ng/ul	94
32) Caprolactam	12.25	113	138784	19.231	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.57	107	525893	20.756	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	1192104	19.644	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	537952	19.122	ng/ul#	96
37) Hexachlorocyclopentadiene	13.29	237	326544	16.848	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	354838	20.421	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	371020	19.991	ng/ul	97
40) 1,1'-Biphenyl	13.94	154	1476288	20.457	ng/ul#	97
41) 2-Chloronaphthalene	13.99	162	1145257	20.436	ng/ul	97
42) 2-Nitroaniline	14.18	65	346242	23.347	ng/ul	98
44) Dimethylphthalate	14.53	163	1337713	19.754	ng/ul	100
45) 2,6-Dinitrotoluene	14.66	165	264551	21.299	ng/ul#	94
47) Acenaphthylene	14.83	152	1734133	20.691	ng/ul	100
48) 3-Nitroaniline	14.99	138	275677	22.555	ng/ul	90
49) Acenaphthene	15.16	153	1200656	20.159	ng/ul	99
50) 2,4-Dinitrophenol	15.19	184	139121	20.173	ng/ul#	87
52) 4-Nitrophenol	15.27	109	189703	20.246	ng/ul#	84
53) Dibenzofuran	15.49	168	1636497	19.787	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	372838	20.374	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.70	232	298238	18.938	ng/ul#	78
56) Diethylphthalate	15.87	149	1347759	19.771	ng/ul	94
58) Fluorene	16.13	166	1288401	19.292	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.11	204	625840	18.722	ng/ul	91
60) 4-Nitroaniline	16.14	138	277522	19.464	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	187122	18.991	ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	1082026	21.291	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	375261	20.275	ng/ul	94
66) Hexachlorobenzene	17.12	284	435304	20.243	ng/ul#	91
67) Atrazine	17.24	200	355889	21.930	ng/ul#	94
68) Pentachlorophenol	17.46	266	230137	18.818	ng/ul	97
69) Phenanthrene	17.85	178	1891547	20.099	ng/ul	98
71) Anthracene	17.94	178	1931633	20.224	ng/ul	99
72) Carbazole	18.20	167	1660595	20.381	ng/ul	98
73) Di-n-butylphthalate	18.72	149	2144681	21.646	ng/ul#	98
74) Fluoranthene	19.82	202	1946055	18.966	ng/ul#	81
77) Pyrene	20.17	202	1979560	21.459	ng/ul#	76
78) Butylbenzylphthalate	21.02	149	902859	23.990	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.80	252	659019	21.879	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1846269	19.997	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1318389	23.866	ng/ul#	96
82) Chrysene	21.94	228	1717761	19.874	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	2130496	23.237	ng/ul#	89
85) Benzo(b)fluoranthene	23.62	252	1855392	19.744	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1760500	19.483	ng/ul#	96
88) Benzo(a)pyrene	24.27	252	1757431	19.716	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	2146673	19.907	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.95	278	1810858	19.944	ng/ul#	92
91) Benzo(g,h,i)perylene	27.73	276	1760566	19.845	ng/ul#	89

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

