

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014965.D
 Acq On : 04 May 2018 04:49
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02017

Quant Time: May 04 05:52:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	367056	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1459747	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	710641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1398963	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1373940	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1530333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	66660	7.93	ng/uL	0.00
5) Phenol-d5	7.62	99	608543	21.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	407977	22.42	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	508034	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	473470	20.92	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	225827	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	235034	22.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	435190	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	562777	26.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1104853	19.92	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1436899	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	202070	19.63	ng/ul	0.00
57) Fluorene-d10	16.07	176	943664	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	120707	15.95	ng/ul	0.00
70) Anthracene-d10	17.91	188	1344977	20.63	ng/ul	0.00
76) Pyrene-d10	20.15	212	1347479	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1517377	20.18	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.68	88	73233	8.279	ng/uL#	82
4) Benzaldehyde	7.61	77	393003	26.329	ng/ul	92
6) Phenol	7.65	94	604466	21.651	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.89	93	484688	21.711	ng/ul	88
10) 2-Chlorophenol	8.05	128	495102	21.179	ng/ul	94
11) 2-Methylphenol	8.93	108	434102	21.154	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	951814	23.063	ng/ul#	97
14) Acetophenone	9.33	105	692377	20.880	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.30	70	370902	21.554	ng/ul#	84
16) 4-Methylphenol	9.26	108	459995	20.831	ng/ul	93
17) Hexachloroethane	9.59	117	203400	21.272	ng/ul#	64
20) Nitrobenzene	9.72	77	543700	21.565	ng/ul	94
21) Isophorone	10.25	82	939663	21.794	ng/ul#	93
23) 2-Nitrophenol	10.43	139	247934	21.715	ng/ul#	77
24) 2,4-Dimethylphenol	10.48	107	505889	20.972	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	602737	20.795	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	406949	19.959	ng/ul#	89
28) Naphthalene	11.39	128	1435348	20.178	ng/ul	99
30) 4-Chloroaniline	11.49	127	538752	26.331	ng/ul	93
31) Hexachlorobutadiene	11.66	225	248787	18.963	ng/ul	97
32) Caprolactam	12.25	113	119951	20.419	ng/ul#	70
33) 4-Chloro-3-methylphenol	12.57	107	424799	20.597	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	957738	19.388	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	433956	19.480	ng/ul#	95
37) Hexachlorocyclopentadiene	13.29	237	225395	14.686	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	290530	21.114	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	300422	20.442	ng/ul	98
40) 1,1'-Biphenyl	13.94	154	1171220	20.495	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	909009	20.484	ng/ul	97
42) 2-Nitroaniline	14.19	65	283360	24.129	ng/ul	95
44) Dimethylphthalate	14.53	163	1064617	19.853	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	210887	21.441	ng/ul#	92
47) Acenaphthylene	14.83	152	1386551	20.893	ng/ul	100
48) 3-Nitroaniline	14.99	138	229985	23.763	ng/ul	92
49) Acenaphthene	15.16	153	956978	20.291	ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	73212	13.406	ng/ul#	90
52) 4-Nitrophenol	15.27	109	150166	20.239	ng/ul#	83
53) Dibenzofuran	15.49	168	1294140	19.760	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	297631	20.539	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.70	232	242690	19.462	ng/ul#	78
56) Diethylphthalate	15.87	149	1073555	19.888	ng/ul	93
58) Fluorene	16.13	166	1029493	19.467	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.11	204	492957	18.623	ng/ul	91
60) 4-Nitroaniline	16.14	138	249385	22.088	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.20	198	124286	15.801	ng/ul	95
64) N-Nitrosodiphenylamine	16.32	169	863429	21.282	ng/ul	98
65) 4-Bromophenyl-phenylether	17.00	248	297553	20.138	ng/ul	93
66) Hexachlorobenzene	17.12	284	347390	20.237	ng/ul#	90
67) Atrazine	17.25	200	294474	22.731	ng/ul#	94
68) Pentachlorophenol	17.46	266	195348	20.009	ng/ul	99
69) Phenanthrene	17.86	178	1506693	20.054	ng/ul	99
71) Anthracene	17.95	178	1553022	20.368	ng/ul	98
72) Carbazole	18.20	167	1382846	21.260	ng/ul	98
73) Di-n-butylphthalate	18.72	149	1794128	22.683	ng/ul#	97
74) Fluoranthene	19.82	202	1647948	20.119	ng/ul#	80
77) Pyrene	20.18	202	1645231	20.495	ng/ul#	78
78) Butylbenzylphthalate	21.02	149	813362	24.835	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.80	252	580183	22.134	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1641545	20.431	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.76	149	1183546	24.620	ng/ul#	96
82) Chrysene	21.94	228	1518823	20.193	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	2037253	23.146	ng/ul#	88
85) Benzo(b)fluoranthene	23.62	252	1720556	19.072	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1710208	19.715	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1683489	19.673	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.95	276	2126303	20.539	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.96	278	1788042	20.513	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1752356	20.576	ng/ul#	89

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

