

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
 Data File : BM011474.D
 Acq On : 08 Sep 2017 16:15
 Operator : SJ/JU
 Sample : SSTD16007
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16007

Quant Time: Sep 08 16:46:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 08 15:18:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	579966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	2556788	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	1472979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	3182670	20.00	ng/ul	0.01
78) Chrysene-d12	21.52	240	3090631	20.00	ng/ul	0.01
86) Perylene-d12	23.89	264	2417080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	781862	87.37	ng/uL	0.00
5) Phenol-d5	7.15	99	9168712	209.26	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.32	67	5830243	266.16	ng/ul	0.01
9) 2-Chlorophenol-d4	7.52	132	7375948	199.72	ng/ul	0.01
13) 4-Methylphenol-d8	8.70	113	6992378	178.81	ng/ul	0.02
19) Nitrobenzene-d5	9.16	128	3539066	198.04	ng/ul	0.02
22) 2-Nitrophenol-d4	9.88	143	3933952	172.84	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.42	165	7108494	158.68	ng/ul	0.02
29) 4-Chloroaniline-d4	10.93	131	7946535	175.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	16811892	126.12	ng/ul	0.01
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.83	143	4014220	200.45	ng/ul	0.04
58) Fluorene-d10	15.61	176	15273093	124.38	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.74	200	3478834	153.49	ng/ul	0.03
71) Anthracene-d10	17.36	188	3182670	20.88	ng/ul	-0.09
79) Pyrene-d10	19.62	212	9957	0.07	ng/ul	-0.11
90) Benzo(a)pyrene-d12	23.76	264	19171005	172.44	ng/ul	0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.43	88	844468	88.016	ng/uL#	75
4) Benzaldehyde	7.12	77	4467670	206.092	ng/ul	92
6) Phenol	7.17	94	8947942	210.601	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.41	93	6872133	228.507	ng/ul	91
10) 2-Chlorophenol	7.55	128	6957760	204.522	ng/ul	95
11) 2-Methylphenol	8.42	108	6880107	207.692	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.52	45	10687697	270.713	ng/ul	96
14) Acetophenone	8.82	105	10369072	182.505	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.83	70	5599941	209.967	ng/ul#	84
16) 4-Methylphenol	8.77	108	7313435	198.988	ng/ul	92
17) Hexachloroethane	9.07	117	2734096	200.892	ng/ul	81
20) Nitrobenzene	9.20	77	7780949	202.753	ng/ul	90
21) Isophorone	9.74	82	15000633	204.547	ng/ul	98
23) 2-Nitrophenol	9.91	139	3954856	180.324	ng/ul#	93
24) 2,4-Dimethylphenol	9.96	107	7714889	175.865	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.20	93	9614289	225.682	ng/ul	95
27) 2,4-Dichlorophenol	10.45	162	6725782	157.560	ng/ul	96
28) Naphthalene	10.84	128	17946835	155.515	ng/ul#	92
30) 4-Chloroaniline	10.96	127	7479851	173.951	ng/ul	96
31) Hexachlorobutadiene	11.12	225	3889353	105.311	ng/ul	98
32) Caprolactam	11.80	113	1162068	84.819	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.08	107	7131838	171.466	ng/ul	95
34) 2-Methylnaphthalene	12.45	142	14793477	148.538	ng/ul	96

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35) 1-Methylnaphthalene	12.67	142	14233973	147.394	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	7169723	126.345	ng/ul#	97
38) Hexachlorocyclopentadiene	12.79	237	4163281	125.124	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.06	196	5266030	155.476	ng/ul	99
40) 2,4,5-Trichlorophenol	13.13	196	5364391	149.077	ng/ul	97
41) 1,1'-Biphenyl	13.45	154	15805969	147.635	ng/ul#	83
42) 2-Chloronaphthalene	13.50	162	14303981	165.656	ng/ul	94
43) 2-Nitroaniline	13.71	65	5366619	263.709	ng/ul	92
45) Dimethylphthalate	14.07	163	15944595	130.558	ng/ul#	94
46) 2,6-Dinitrotoluene	14.20	165	4018405	163.914	ng/ul	95
48) Acenaphthylene	14.20	152	10584	0.077	ng/ul#	87
49) 3-Nitroaniline	14.53	138	4438831	217.865	ng/ul	96
50) Acenaphthene	14.68	153	14624037	156.254	ng/ul	93
51) 2,4-Dinitrophenol	14.73	184	2566483	164.009	ng/ul#	76
53) 4-Nitrophenol	14.85	109	2658906	163.259	ng/ul#	65
55) 2,4-Dinitrotoluene	14.99	165	5683266	155.224	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.24	232	4749832	123.951	ng/ul#	78
57) Diethylphthalate	15.43	149	16644298	129.818	ng/ul#	90
59) Fluorene	15.66	166	14960847	121.184	ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.66	204	8477937	114.967	ng/ul	95
61) 4-Nitroaniline	15.72	138	4706350	194.486	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.76	198	3444568	158.628	ng/ul#	96
65) N-Nitrosodiphenylamine	15.87	169	13912991	173.179	ng/ul#	82
66) 4-Bromophenyl-phenylether	16.54	248	5641569	137.854	ng/ul	95
67) Hexachlorobenzene	16.66	284	6244560	134.176	ng/ul#	91
68) Atrazine	16.83	200	5508644	143.717	ng/ul	98
69) Pentachlorophenol	17.00	266	4116995	169.439	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	7266708	163.699	ng/uL	99
74) Pentachlorobenzene	14.94	250	7291147	110.526	ng/uL	98
76) Di-n-butylphthalate	18.30	149	3477486	23.213	ng/ul#	81
77) Fluoranthene	19.40	202	3742059	18.504	ng/ul#	65
81) Butylbenzylphthalate	20.64	149	13214947	277.214	ng/ul#	72
82) 3,3'-Dichlorobenzidine	21.43	252	8947190	158.238	ng/ul#	98
83) Benzo(a)anthracene	21.55	228	2621756	15.970	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.40	149	2716359	38.951	ng/ul#	88
85) Chrysene	21.55	228	2621756	17.458	ng/ul	93
88) Benzo(b)fluoranthene	23.22	252	1531918	11.384	ng/ul#	90
89) Benzo(k)fluoranthene	23.22	252	1531918	11.678	ng/ul#	89
91) Benzo(a)pyrene	23.80	252	20089494	155.156	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	26.37	276	23983375	152.632	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.37	278	20337613	150.903	ng/ul#	94
94) Benzo(g,h,i)perylene	27.11	276	19586474	150.356	ng/ul#	91

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

