

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
 Data File : BM009678.D
 Acq On : 19 Apr 2017 20:39
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Quant Time: Apr 20 04:42:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 04:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	149491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	589012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	326010	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	753913	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	919992	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	922751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	26833	6.61	ng/uL	0.00
5) Phenol-d5	6.99	99	259574	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	184108	19.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	185547	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	192013	19.08	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	90067	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	93383	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	183114	19.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	222083	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	509745	19.39	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	658786	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	90744	19.23	ng/ul	0.00
57) Fluorene-d10	15.47	176	445631	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	68083	14.17	ng/ul	0.00
70) Anthracene-d10	17.33	188	712264	19.50	ng/ul	0.00
76) Pyrene-d10	19.62	212	795515	20.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	806182	19.32	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	30903	6.48	ng/uL#	64
4) Benzaldehyde	6.98	77	195635	23.23	ng/ul#	83
6) Phenol	7.02	94	282801	19.22	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.26	93	217797	19.32	ng/ul#	77
10) 2-Chlorophenol	7.40	128	195960	19.80	ng/ul#	72
11) 2-Methylphenol	8.27	108	195975	19.04	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	348961	18.94	ng/ul	97
14) Acetophenone	8.66	105	323399	18.77	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.63	70	199970	19.66	ng/ul#	80
16) 4-Methylphenol	8.60	108	215049	19.12	ng/ul	99
17) Hexachloroethane	8.90	117	94756	19.79	ng/ul	92
20) Nitrobenzene	9.04	77	287084	19.17	ng/ul#	86
21) Isophorone	9.56	82	472319	19.30	ng/ul#	94
23) 2-Nitrophenol	9.75	139	107349	20.03	ng/ul#	44
24) 2,4-Dimethylphenol	9.80	107	242614	19.23	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.04	93	286016	19.42	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	188476	19.75	ng/ul#	93
28) Naphthalene	10.68	128	588456	19.14	ng/ul	96
30) 4-Chloroaniline	10.80	127	223796	22.43	ng/ul	95
31) Hexachlorobutadiene	10.95	225	135586	19.05	ng/ul	97
32) Caprolactam	11.57	113	59095	18.97	ng/ul#	65
33) 4-Chloro-3-methylphenol	11.92	107	202421	18.86	ng/ul#	85
34) 2-Methylnaphthalene	12.29	142	418660	19.26	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	241326	20.12	ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	94826	14.52	ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	148722	19.39	ng/ul	88
39) 2,4,5-Trichlorophenol	12.97	196	158734	20.47	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	537582	19.67	ng/ul	95
41) 2-Chloronaphthalene	13.35	162	423480	19.62	ng/ul	96
42) 2-Nitroaniline	13.57	65	161216	19.53	ng/ul#	77
44) Dimethylphthalate	13.93	163	508131	19.22	ng/ul#	97
45) 2,6-Dinitrotoluene	14.06	165	106643	20.20	ng/ul#	67
47) Acenaphthylene	14.20	152	656879	19.67	ng/ul	100
48) 3-Nitroaniline	14.40	138	109138	20.92	ng/ul#	83
49) Acenaphthene	14.54	153	436504	19.43	ng/ul	98
50) 2,4-Dinitrophenol	14.61	184	41478	12.68	ng/ul#	66
52) 4-Nitrophenol	14.70	109	103439	18.77	ng/ul#	65
53) Dibenzofuran	14.88	168	637972	19.73	ng/ul	88
54) 2,4-Dinitrotoluene	14.86	165	152220	19.47	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.10	232	137921	19.36	ng/ul#	97
56) Diethylphthalate	15.30	149	529074	19.57	ng/ul	98
58) Fluorene	15.53	166	521279	19.43	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	268378	19.25	ng/ul	94
60) 4-Nitroaniline	15.56	138	121806	21.32	ng/ul#	32
63) 4,6-Dinitro-2-methylphenol	15.62	198	73437	14.53	ng/ul#	77
64) N-Nitrosodiphenylamine	15.74	169	436793	18.95	ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	169419	19.54	ng/ul	88
66) Hexachlorobenzene	16.53	284	181525	19.08	ng/ul	90
67) Atrazine	16.69	200	178214	19.92	ng/ul	95
68) Pentachlorophenol	16.88	266	104529	17.82	ng/ul	87
69) Phenanthrene	17.27	178	811537	19.18	ng/ul	99
71) Anthracene	17.36	178	858855	19.50	ng/ul	95
72) Carbazole	17.64	167	751866	19.43	ng/ul	96
73) Di-n-butylphthalate	18.19	149	948218	20.26	ng/ul#	97
74) Fluoranthene	19.29	202	1006963	19.18	ng/ul#	91
77) Pyrene	19.65	202	1053384	20.16	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	449380	20.83	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	375025	20.07	ng/ul	99
80) Benzo(a)anthracene	21.39	228	1053208	19.55	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	671787	21.06	ng/ul	98
82) Chrysene	21.44	228	961098	19.80	ng/ul	98
84) Di-n-octyl phthalate	22.20	149	1182341	19.26	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1097809	19.33	ng/ul#	96
86) Benzo(k)fluoranthene	23.07	252	1021451	18.88	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	1042380	19.05	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.09	276	1229503	19.23	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.10	278	1027936	19.01	ng/ul#	94
91) Benzo(g,h,i)perylene	26.82	276	1016739	19.45	ng/ul#	92

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

