

Data Path : Z:\HPCHEM1\BNA M\Data\BM042716\
 Data File : BM005096.D
 Acq On : 27 Apr 2016 13:59
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

Quant Time: Apr 27 14:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 27 02:34:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	66473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	320996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	205552	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	489807	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	476961	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	363112	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	10968	8.38	ng/uL	0.00
5) Phenol-d5	6.97	99	121154	22.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	69637	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	93689	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	101744	21.83	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	47994	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	54217	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	103058	21.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	136909	24.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	329857	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	402036	20.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	56571	19.94	ng/ul	0.00
57) Fluorene-d10	15.43	176	287117	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	44967	16.14	ng/ul	0.00
70) Anthracene-d10	17.28	188	443045	20.17	ng/ul	0.00
76) Pyrene-d10	19.58	212	493003	22.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	337291	20.73	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.33	88	20576	8.48	ng/uL	96
4) Benzaldehyde	6.95	77	70736	25.91	ng/ul	99
6) Phenol	6.99	94	127295	22.21	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	95738	21.78	ng/ul	98
10) 2-Chlorophenol	7.36	128	95660	21.40	ng/ul	97
11) 2-Methylphenol	8.24	108	98192	21.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	123155	21.67	ng/ul	99
14) Acetophenone	8.62	105	157829	22.50	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	80311	22.85	ng/ul	98
16) 4-Methylphenol	8.57	108	110918	22.28	ng/ul	95
17) Hexachloroethane	8.87	117	36376	20.43	ng/ul	93
20) Nitrobenzene	9.00	77	116485	21.29	ng/ul	98
21) Isophorone	9.52	82	227138	21.86	ng/ul	100
23) 2-Nitrophenol	9.70	139	59438	22.05	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	122777	21.15	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	139195	21.56	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	104735	21.62	ng/ul	99
28) Naphthalene	10.64	128	331286	20.46	ng/ul	100
30) 4-Chloroaniline	10.75	127	138682	24.66	ng/ul	98
31) Hexachlorobutadiene	10.92	225	60396	18.90	ng/ul	99
32) Caprolactam	11.51	113	35324	21.09	ng/ul	91
33) 4-Chloro-3-methylphenol	11.88	107	123162	22.24	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	249703	20.84	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	128146	19.96	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	62868	16.50	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	87119	21.33	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	96421	21.07	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	339962	20.91	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	257151	20.79	ng/ul	99
42) 2-Nitroaniline	13.52	65	77165	23.00	ng/ul	98
44) Dimethylphthalate	13.89	163	329441	20.23	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	67784	21.56	ng/ul	93
47) Acenaphthylene	14.16	152	428571	20.95	ng/ul	99
48) 3-Nitroaniline	14.34	138	74162	23.19	ng/ul	99
49) Acenaphthene	14.50	153	278897	20.72	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	23919	13.03	ng/ul	98
52) 4-Nitrophenol	14.66	109	47484	18.71	ng/ul	95
53) Dibenzofuran	14.84	168	406820	20.50	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	100147	20.96	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.07	232	82477	20.76	ng/ul	99
56) Diethylphthalate	15.26	149	334403	20.35	ng/ul	99
58) Fluorene	15.49	166	322661	20.94	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	159314	20.49	ng/ul	98
60) 4-Nitroaniline	15.52	138	75286	21.82	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	47391	16.15	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	284596	21.14	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	97877	20.47	ng/ul	96
66) Hexachlorobenzene	16.49	284	107856	19.81	ng/ul	100
67) Atrazine	16.64	200	105805	21.33	ng/ul	99
68) Pentachlorophenol	16.84	266	58898	18.75	ng/ul	98
69) Phenanthrene	17.23	178	533400	20.46	ng/ul	100
71) Anthracene	17.32	178	531817	20.24	ng/ul	99
72) Carbazole	17.59	167	483505	21.46	ng/ul	100
73) Di-n-butylphthalate	18.14	149	581302	22.03	ng/ul	100
74) Fluoranthene	19.24	202	612379	21.35	ng/ul	100
77) Pyrene	19.61	202	621673	22.56	ng/ul	100
78) Butylbenzylphthalate	20.50	149	259953	24.53	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	174839	20.49	ng/ul	97
80) Benzo(a)anthracene	21.36	228	566817	20.76	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	369341	24.82	ng/ul	98
82) Chrysene	21.41	228	535253	20.49	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	615908	27.29	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	465807	21.30	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	458753	21.57	ng/ul	99
88) Benzo(a)pyrene	23.56	252	425030	20.81	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	404714	20.77	ng/ul	98
90) Dibenzo(a,h)anthracene	25.98	278	341670	20.99	ng/ul	98
91) Benzo(g,h,i)perylene	26.68	276	331227	20.78	ng/ul	99

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

