

Data Path : Z:\HPCHEM1\BNA M\Data\BM041516\
 Data File : BM004954.D
 Acq On : 15 Apr 2016 10:37
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02050

Quant Time: Apr 15 17:32:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 00:36:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	49017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	211517	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	120003	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	255855	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	275261	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	270715	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7611	8.32	ng/uL	0.00
5) Phenol-d5	6.97	99	71150	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	41561	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	58456	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57426	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	27535	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30136	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	55940	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	72841	22.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	159184	19.50	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	203660	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	25624	18.40	ng/ul	0.00
57) Fluorene-d10	15.44	176	142456	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	21681	19.59	ng/ul	0.00
70) Anthracene-d10	17.29	188	208985	20.56	ng/ul	0.00
76) Pyrene-d10	19.59	212	220904	19.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	212799	20.41	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	13825	8.28	ng/uL	96
4) Benzaldehyde	6.96	77	46984	23.48	ng/ul	99
6) Phenol	7.00	94	73923	20.41	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	58464	20.66	ng/ul	100
10) 2-Chlorophenol	7.37	128	58543	19.48	ng/ul	98
11) 2-Methylphenol	8.25	108	56642	19.90	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	72301	20.58	ng/ul	99
14) Acetophenone	8.63	105	90025	20.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	42953	18.82	ng/ul	98
16) 4-Methylphenol	8.57	108	61335	19.91	ng/ul	100
17) Hexachloroethane	8.89	117	23435	19.89	ng/ul	97
20) Nitrobenzene	9.01	77	65810	20.11	ng/ul	97
21) Isophorone	9.53	82	117263	18.89	ng/ul	99
23) 2-Nitrophenol	9.72	139	32799	19.65	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	67833	20.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	75456	19.35	ng/ul	97
27) 2,4-Dichlorophenol	10.25	162	57593	19.96	ng/ul	98
28) Naphthalene	10.65	128	193853	20.57	ng/ul	100
30) 4-Chloroaniline	10.76	127	74499	22.85	ng/ul	99
31) Hexachlorobutadiene	10.93	225	38366	20.62	ng/ul	99
32) Caprolactam	11.52	113	15477	17.44	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	60365	18.98	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	138468	20.16	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	71602	20.90	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	38665	21.08	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	44207	19.61	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	48437	19.91	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	179974	20.91	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	136384	20.83	ng/ul	99
42) 2-Nitroaniline	13.53	65	34255	18.59	ng/ul	98
44) Dimethylphthalate	13.90	163	158808	19.55	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	30657	18.94	ng/ul	99
47) Acenaphthylene	14.17	152	219741	20.67	ng/ul	100
48) 3-Nitroaniline	14.36	138	33337	20.39	ng/ul	100
49) Acenaphthene	14.51	153	141414	20.44	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	11105	15.51	ng/ul	92
52) 4-Nitrophenol	14.66	109	21872	18.60	ng/ul	95
53) Dibenzofuran	14.84	168	203561	20.33	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	44370	19.26	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	39231	19.60	ng/ul	98
56) Diethylphthalate	15.27	149	153567	19.30	ng/ul	99
58) Fluorene	15.50	166	158549	20.58	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	78487	20.33	ng/ul	99
60) 4-Nitroaniline	15.52	138	34140	20.10	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	23524	20.37	ng/ul	97
64) N-Nitrosodiphenylamine	15.70	169	135409	20.50	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	47099	20.02	ng/ul	98
66) Hexachlorobenzene	16.50	284	53520	20.31	ng/ul	99
67) Atrazine	16.65	200	44741	20.01	ng/ul	98
68) Pentachlorophenol	16.84	266	27207	18.79	ng/ul	97
69) Phenanthrene	17.23	178	248421	20.81	ng/ul	99
71) Anthracene	17.33	178	252583	20.91	ng/ul	100
72) Carbazole	17.60	167	223163	21.95	ng/ul	99
73) Di-n-butylphthalate	18.16	149	235122	19.20	ng/ul	100
74) Fluoranthene	19.25	202	272454	22.15	ng/ul	99
77) Pyrene	19.62	202	286436	19.68	ng/ul	99
78) Butylbenzylphthalate	20.52	149	101561	18.05	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	92148	22.83	ng/ul	98
80) Benzo(a)anthracene	21.36	228	273218	20.15	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	146464	19.02	ng/ul	100
82) Chrysene	21.42	228	264849	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	257806	19.84	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	284166	21.16	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	256370	19.80	ng/ul	100
88) Benzo(a)pyrene	23.57	252	266099	20.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.99	276	299164	20.91	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	252916	21.10	ng/ul	98
91) Benzo(g,h,i)perylene	26.69	276	251518	20.87	ng/ul	99

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

