

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005049.D
 Acq On : 25 Apr 2016 17:23
 Operator : UM/SJ
 Sample : SSTD02037
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02037

Quant Time: Apr 25 18:00:58 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 25 17:47:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	180099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	116864	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	286838	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	331991	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	318392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6121	8.15	ng/uL	0.00
5) Phenol-d5	6.97	99	64471	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	37196	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	51048	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	53850	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	25676	20.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	28687	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	54792	20.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	73781	23.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	191002	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	228968	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	32837	20.45	ng/ul	0.00
57) Fluorene-d10	15.43	176	167707	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	32492	20.00	ng/ul	0.00
70) Anthracene-d10	17.29	188	267644	20.77	ng/ul	0.00
76) Pyrene-d10	19.58	212	306317	19.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	293339	20.43	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.33	88	11262	8.36	ng/uL	98
4) Benzaldehyde	6.95	77	39286	25.72	ng/ul	98
6) Phenol	6.99	94	67359	20.80	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	52005	21.04	ng/ul	98
10) 2-Chlorophenol	7.37	128	52003	20.63	ng/ul	96
11) 2-Methylphenol	8.24	108	52028	20.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	67508	21.20	ng/ul	99
14) Acetophenone	8.62	105	86007	21.66	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	42425	21.39	ng/ul	97
16) 4-Methylphenol	8.56	108	58570	20.87	ng/ul	99
17) Hexachloroethane	8.87	117	20702	20.61	ng/ul	95
20) Nitrobenzene	9.00	77	62827	20.42	ng/ul	96
21) Isophorone	9.52	82	120673	20.41	ng/ul	100
23) 2-Nitrophenol	9.71	139	31654	20.71	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	66569	20.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	73491	20.15	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	56464	20.64	ng/ul	99
28) Naphthalene	10.64	128	184344	20.22	ng/ul	100
30) 4-Chloroaniline	10.75	127	75113	23.61	ng/ul	99
31) Hexachlorobutadiene	10.92	225	35838	20.06	ng/ul	97
32) Caprolactam	11.50	113	18703	19.58	ng/ul	87
33) 4-Chloro-3-methylphenol	11.87	107	64805	20.53	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	138115	20.48	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	74601	20.60	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	41461	19.12	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	47953	20.43	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	54228	20.77	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	190705	20.72	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	143499	20.46	ng/ul	99
42) 2-Nitroaniline	13.52	65	41046	21.22	ng/ul	98
44) Dimethylphthalate	13.89	163	191668	20.70	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	37641	20.82	ng/ul	97
47) Acenaphthylene	14.16	152	243176	20.97	ng/ul	100
48) 3-Nitroaniline	14.35	138	40098	22.04	ng/ul	98
49) Acenaphthene	14.50	153	158768	20.76	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	17885	17.11	ng/ul	97
52) 4-Nitrophenol	14.66	109	28868	20.25	ng/ul	96
53) Dibenzofuran	14.84	168	234747	20.93	ng/ul	97
54) 2,4-Dinitrotoluene	14.81	165	57426	21.22	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	47352	20.62	ng/ul	98
56) Diethylphthalate	15.26	149	193715	20.68	ng/ul	99
58) Fluorene	15.49	166	184535	21.06	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	92605	20.92	ng/ul	96
60) 4-Nitroaniline	15.52	138	41375	21.07	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	35007	20.51	ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	163816	20.60	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	57396	20.42	ng/ul	99
66) Hexachlorobenzene	16.49	284	65331	20.48	ng/ul	99
67) Atrazine	16.64	200	61538	20.98	ng/ul	97
68) Pentachlorophenol	16.84	266	35739	19.48	ng/ul	98
69) Phenanthrene	17.23	178	312854	20.45	ng/ul	99
71) Anthracene	17.32	178	320522	20.87	ng/ul	100
72) Carbazole	17.59	167	288675	21.83	ng/ul	99
73) Di-n-butylphthalate	18.15	149	327978	21.03	ng/ul	100
74) Fluoranthene	19.24	202	376547	22.52	ng/ul	99
77) Pyrene	19.61	202	391168	20.14	ng/ul	99
78) Butylbenzylphthalate	20.51	149	153728	20.23	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	133848	22.87	ng/ul	97
80) Benzo(a)anthracene	21.36	228	392702	20.63	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	219266	20.59	ng/ul	99
82) Chrysene	21.42	228	371375	20.31	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	398376	19.64	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	388871	19.67	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	381766	20.94	ng/ul	99
88) Benzo(a)pyrene	23.57	252	369591	20.63	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	363952	21.46	ng/ul	99
90) Dibenzo(a,h)anthracene	25.99	278	305058	21.50	ng/ul	99
91) Benzo(g,h,i)perylene	26.69	276	295324	21.13	ng/ul	99

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

