

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
 Data File : BM001283.D
 Acq On : 13 May 2015 21:23
 Operator : TP/IZ
 Sample : SSTD01074
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01074

Quant Time: May 14 03:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 14 03:01:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	163725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	687225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	381147	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	790441	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	805419	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	769533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.88	96	14007	4.12	ng/uL	0.00
5) Phenol-d5	6.63	99	108645	8.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	73872	9.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	96277	9.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	91809	8.84	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	40481	8.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	45188	8.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	92422	9.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	120576	9.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	236582	9.25	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	347148	9.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	35817	6.99	ng/ul	0.00
57) Fluorene-d10	15.12	176	242232	9.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	35384	7.38	ng/ul	0.00
70) Anthracene-d10	16.96	188	345846	9.54	ng/ul	0.00
76) Pyrene-d10	19.27	212	358103	9.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.05	264	322519	9.50	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	15441	4.20	ng/uL	98
4) Benzaldehyde	6.58	77	72598	9.72	ng/ul	97
6) Phenol	6.66	94	119282	8.96	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	99700	9.51	ng/ul	99
10) 2-Chlorophenol	7.00	128	98887	9.40	ng/ul	96
11) 2-Methylphenol	7.90	108	90001	8.84	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	182433	9.62	ng/ul	97
14) Acetophenone	8.26	105	150943	8.88	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	73439	8.98	ng/ul	98
16) 4-Methylphenol	8.23	108	98555	8.81	ng/ul	99
17) Hexachloroethane	8.50	117	41673	9.63	ng/ul	97
20) Nitrobenzene	8.64	77	115574	9.43	ng/ul	98
21) Isophorone	9.16	82	186518	8.88	ng/ul	99
23) 2-Nitrophenol	9.35	139	51374	8.95	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	113078	9.46	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.66	93	125025	9.18	ng/ul	97
27) 2,4-Dichlorophenol	9.88	162	91667	9.19	ng/ul	95
28) Naphthalene	10.27	128	339664	9.61	ng/ul	98
30) 4-Chloroaniline	10.39	127	123634	9.54	ng/ul	93
31) Hexachlorobutadiene	10.56	225	62599	10.11	ng/ul	97
32) Caprolactam	11.13	113	21597	7.13	ng/ul	83
33) 4-Chloro-3-methylphenol	11.53	107	96113	9.19	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	235571	9.46	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.28	216	119434	10.09	ng/ul	97
37) Hexachlorocyclopentadiene	12.26	237	55948	8.13	ng/ul	95
38) 2,4,6-Trichlorophenol	12.53	196	64390	8.85	ng/ul	94
39) 2,4,5-Trichlorophenol	12.60	196	73641	9.28	ng/ul	99
40) 1,1'-Biphenyl	12.94	154	309032	9.79	ng/ul	98
41) 2-Chloronaphthalene	12.97	162	237652	9.68	ng/ul	98
42) 2-Nitroaniline	13.19	65	53942	8.23	ng/ul	98
44) Dimethylphthalate	13.58	163	268141	9.29	ng/ul	100
45) 2,6-Dinitrotoluene	13.71	165	46786	8.50	ng/ul	97
47) Acenaphthylene	13.83	152	376537	9.58	ng/ul	99
48) 3-Nitroaniline	14.03	138	49292	8.31	ng/ul	92
49) Acenaphthene	14.18	153	250442	9.57	ng/ul	98
50) 2,4-Dinitrophenol	14.25	184	17482	5.19	ng/ul	98
52) 4-Nitrophenol	14.36	109	32881	7.88	ng/ul	95
53) Dibenzofuran	14.52	168	350394	9.60	ng/ul	98
54) 2,4-Dinitrotoluene	14.50	165	70710	8.71	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.76	232	56407	8.82	ng/ul#	99
56) Diethylphthalate	14.96	149	263676	9.22	ng/ul	99
58) Fluorene	15.17	166	282544	9.39	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	136136	9.44	ng/ul	99
60) 4-Nitroaniline	15.20	138	45604	7.31	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.27	198	39920	7.73	ng/ul	97
64) N-Nitrosodiphenylamine	15.39	169	231831	9.69	ng/ul	97
65) 4-Bromophenyl-phenylether	16.07	248	75326	9.58	ng/ul	93
66) Hexachlorobenzene	16.18	284	83420	9.65	ng/ul	98
67) Atrazine	16.35	200	70967	8.71	ng/ul	95
68) Pentachlorophenol	16.53	266	33569	6.83	ng/ul	98
69) Phenanthrene	16.91	178	426302	9.71	ng/ul	99
71) Anthracene	17.00	178	431640	9.58	ng/ul	98
72) Carbazole	17.27	167	373435	9.17	ng/ul	97
73) Di-n-butylphthalate	17.85	149	381315	8.75	ng/ul	100
74) Fluoranthene	18.93	202	450491	9.28	ng/ul	98
77) Pyrene	19.30	202	493970	9.76	ng/ul	98
78) Butylbenzylphthalate	20.22	149	148163	8.26	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.00	252	121497	8.36	ng/ul	97
80) Benzo(a)anthracene	21.06	228	449816	9.56	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.00	149	224619	8.36	ng/ul	98
82) Chrysene	21.11	228	435508	9.77	ng/ul	100
84) Di-n-octyl phthalate	21.85	149	373588	7.34	ng/ul	100
85) Benzo(b)fluoranthene	22.56	252	430799	9.28	ng/ul	98
86) Benzo(k)fluoranthene	22.60	252	427671	9.49	ng/ul	98
88) Benzo(a)pyrene	23.09	252	416183	9.37	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.27	276	470715	9.86	ng/ul	99
90) Dibenzo(a,h)anthracene	25.28	278	395895	9.90	ng/ul	100
91) Benzo(g,h,i)perylene	25.91	276	408704	10.23	ng/ul	98

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

