

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041515\
 Data File : BM001009.D
 Acq On : 15 Apr 2015 14:42
 Operator : TP/IZ
 Sample : SSTD01022
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01022

Quant Time: Apr 15 16:20:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 16:01:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	218379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	912920	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	510580	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1078104	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1130363	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1063531	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	19082	4.01	ng/uL	0.00
5) Phenol-d5	6.76	99	164076	9.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	107170	10.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	135943	10.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	130728	9.88	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	58087	9.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	63772	10.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	132203	10.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	110833	7.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	336212	10.21	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	482771	10.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	57445	8.69	ng/ul	0.00
57) Fluorene-d10	15.24	176	342536	10.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	48152	8.25	ng/ul	0.00
70) Anthracene-d10	17.09	188	490092	10.05	ng/ul	0.00
76) Pyrene-d10	19.39	212	519922	10.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	472497	10.24	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	20347	3.88	ng/uL	99
4) Benzaldehyde	6.73	77	108850	13.40	ng/ul	97
6) Phenol	6.79	94	177093	9.60	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	143619	9.89	ng/ul	99
10) 2-Chlorophenol	7.15	128	143348	9.79	ng/ul	98
11) 2-Methylphenol	8.03	108	132868	9.70	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.12	45	259567	10.21	ng/ul	99
14) Acetophenone	8.40	105	211000	9.81	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	104836	10.33	ng/ul	97
16) 4-Methylphenol	8.36	108	144375	9.66	ng/ul	96
17) Hexachloroethane	8.65	117	57092	10.03	ng/ul	95
20) Nitrobenzene	8.78	77	156987	9.81	ng/ul	97
21) Isophorone	9.30	82	271064	10.13	ng/ul	100
23) 2-Nitrophenol	9.49	139	73665	10.11	ng/ul	97
24) 2,4-Dimethylphenol	9.56	107	156759	9.96	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	186967	10.07	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	131767	10.18	ng/ul	98
28) Naphthalene	10.42	128	480305	9.85	ng/ul	98
30) 4-Chloroaniline	10.53	127	115787	7.25	ng/ul	98
31) Hexachlorobutadiene	10.70	225	81482	9.99	ng/ul	96
32) Caprolactam	11.27	113	31872	8.60	ng/ul	91
33) 4-Chloro-3-methylphenol	11.67	107	132549	9.90	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	331018	9.95	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	163920	10.32	ng/ul	94
37) Hexachlorocyclopentadiene	12.40	237	76773	8.89	ng/ul	96
38) 2,4,6-Trichlorophenol	12.66	196	91855	10.69	ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	100667	10.40	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	435634	10.02	ng/ul	97
41) 2-Chloronaphthalene	13.11	162	330610	9.93	ng/ul	98
42) 2-Nitroaniline	13.32	65	76620	9.70	ng/ul	95
44) Dimethylphthalate	13.70	163	383491	10.05	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	64785	9.34	ng/ul	95
47) Acenaphthylene	13.96	152	525963	9.78	ng/ul	100
48) 3-Nitroaniline	14.16	138	58447	7.89	ng/ul	99
49) Acenaphthene	14.31	153	354436	9.98	ng/ul	96
50) 2,4-Dinitrophenol	14.37	184	26933	7.11	ng/ul	91
52) 4-Nitrophenol	14.47	109	44931	8.93	ng/ul	91
53) Dibenzofuran	14.64	168	494664	9.96	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	97830	9.50	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.88	232	80470	10.56	ng/ul	96
56) Diethylphthalate	15.07	149	375751	10.03	ng/ul	98
58) Fluorene	15.30	166	405318	9.93	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	194704	10.15	ng/ul	99
60) 4-Nitroaniline	15.32	138	72747	8.75	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.38	198	53037	8.13	ng/ul#	93
64) N-Nitrosodiphenylamine	15.51	169	332800	10.00	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	105077	10.05	ng/ul	96
66) Hexachlorobenzene	16.30	284	118748	10.16	ng/ul	99
67) Atrazine	16.46	200	101679	9.68	ng/ul	95
68) Pentachlorophenol	16.65	266	50904	8.47	ng/ul	90
69) Phenanthrene	17.03	178	615998	9.90	ng/ul	99
71) Anthracene	17.12	178	626711	9.94	ng/ul	98
72) Carbazole	17.40	167	546351	9.78	ng/ul	99
73) Di-n-butylphthalate	17.96	149	574558	9.92	ng/ul	99
74) Fluoranthene	19.06	202	657297	9.87	ng/ul	98
77) Pyrene	19.42	202	718932	9.99	ng/ul	97
78) Butylbenzylphthalate	20.33	149	237101	10.10	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.12	252	166035	9.33	ng/ul	96
80) Benzo(a)anthracene	21.17	228	673297	10.17	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	369171	10.37	ng/ul	99
82) Chrysene	21.23	228	650334	10.11	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	643395	9.60	ng/ul	100
85) Benzo(b)fluoranthene	22.71	252	662319	10.17	ng/ul	96
86) Benzo(k)fluoranthene	22.76	252	605326	9.79	ng/ul	97
88) Benzo(a)pyrene	23.27	252	610134	9.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	676780	9.84	ng/ul	96
90) Dibenzo(a,h)anthracene	25.54	278	572212	9.92	ng/ul	98
91) Benzo(g,h,i)perylene	26.20	276	578521	9.86	ng/ul	99

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

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