

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041515\SOM01.2\
 Data File : BM001012.D
 Acq On : 15 Apr 2015 16:29
 Operator : TP/IZ
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD08025

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:24:44 PM

Quant Time: Apr 16 05:55:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 05:31:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	275333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1225153	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	720195	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1580112	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1566170	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1284352	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	176358	30.30	ng/uL	0.00
5) Phenol-d5	6.77	99	1871787	90.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1091835	84.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	1497170	87.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	1530657	94.51	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	722798	89.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	838277	94.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1546288	88.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1702685	85.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	4025816	85.59	ng/ul	0.01
46) Acenaphthylene-d8	13.94	160	5620511	82.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	867605	103.93	ng/ul	0.02
57) Fluorene-d10	15.25	176	3827483	80.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	795304	95.13	ng/ul	0.01
70) Anthracene-d10	17.10	188	5764891	79.98	ng/ul	0.00
76) Pyrene-d10	19.40	212	6057853	85.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	4732645	84.21	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	183968	28.96	ng/uL	96
4) Benzaldehyde	6.73	77	1141058	100.00	ng/ul	97
6) Phenol	6.80	94	1968623	87.56	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	1505426	83.06	ng/ul	98
10) 2-Chlorophenol	7.15	128	1557630	84.87	ng/ul	98
11) 2-Methylphenol	8.04	108	1522347	91.14	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	2641423	82.33	ng/ul	99
14) Acetophenone	8.41	105	2386104	88.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.41	70	1229735	94.11	ng/ul	97
16) 4-Methylphenol	8.37	108	1660588	90.47	ng/ul	97
17) Hexachloroethane	8.65	117	601286	83.20	ng/ul	94
20) Nitrobenzene	8.79	77	1767216	82.17	ng/ul	99
21) Isophorone	9.31	82	3335697	91.12	ng/ul	99
23) 2-Nitrophenol	9.49	139	891427	90.04	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	1789043	84.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	2046017	82.54	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	1514112	84.38	ng/ul	100
28) Naphthalene	10.42	128	5029100	77.72	ng/ul	99
30) 4-Chloroaniline	10.54	127	1717566	81.31	ng/ul	96
31) Hexachlorobutadiene	10.70	225	852051	77.14	ng/ul	99
32) Caprolactam	11.32	113	490380m	108.59	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	1631535	89.75	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	3622027	81.04	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	1719005	76.52	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	1025387	88.35	ng/ul	98
38) 2,4,6-Trichlorophenol	12.67	196	1150366	88.12	ng/ul	100
39) 2,4,5-Trichlorophenol	12.74	196	1250403	86.92	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	4662953	76.35	ng/ul	99
41) 2-Chloronaphthalene	13.11	162	3584195	76.42	ng/ul	98
42) 2-Nitroaniline	13.33	65	1140718	92.23	ng/ul	97
44) Dimethylphthalate	13.72	163	4429099	82.57	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	957480	95.16	ng/ul	95
47) Acenaphthylene	13.97	152	5937725	78.57	ng/ul	99
48) 3-Nitroaniline	14.17	138	850608	82.20	ng/ul	96
49) Acenaphthene	14.32	153	3902745	78.39	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	591493	118.11	ng/ul	98
52) 4-Nitrophenol	14.49	109	632217	97.13	ng/ul	97
53) Dibenzofuran	14.65	168	5388600	77.10	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	1403312	95.26	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	1055699	93.64	ng/ul	98
56) Diethylphthalate	15.09	149	4560537	85.43	ng/ul	99
58) Fluorene	15.30	166	4533833	78.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	2138769	78.55	ng/ul	97
60) 4-Nitroaniline	15.35	138	1109018	101.53	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	843890	91.93	ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	3875958	79.79	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	1254909	81.08	ng/ul	98
66) Hexachlorobenzene	16.31	284	1354509	78.44	ng/ul	97
67) Atrazine	16.48	200	1368028	90.91	ng/ul	96
68) Pentachlorophenol	16.66	266	869689	100.11	ng/ul	99
69) Phenanthrene	17.04	178	6859889	75.80	ng/ul	97
71) Anthracene	17.13	178	7006611	75.82	ng/ul	98
72) Carbazole	17.40	167	6491602	79.84	ng/ul	98
73) Di-n-butylphthalate	17.97	149	7770318	88.72	ng/ul	98
74) Fluoranthene	19.06	202	7627927	77.06	ng/ul	97
77) Pyrene	19.43	202	7893765	78.70	ng/ul	95
78) Butylbenzylphthalate	20.34	149	3573515	102.19	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.12	252	2070848	87.77	ng/ul	99
80) Benzo(a)anthracene	21.18	228	7133993	76.99	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	5067715	97.36	ng/ul	98
82) Chrysene	21.24	228	6628695	74.72	ng/ul	99
84) Di-n-octyl phthalate	21.98	149	8046858	103.00	ng/ul	100
85) Benzo(b)fluoranthene	22.73	252	6692453	84.11	ng/ul	99
86) Benzo(k)fluoranthene	22.77	252	5952962	80.22	ng/ul	98
88) Benzo(a)pyrene	23.29	252	6001166	80.06	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.56	276	6234312	76.98	ng/ul	97
90) Dibenzo(a,h)anthracene	25.57	278	5194847	76.62	ng/ul	99
91) Benzo(g,h,i)perylene	26.23	276	5198836	74.72	ng/ul	99

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

