

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
 Data File : BM001250.D
 Acq On : 11 May 2015 19:41
 Operator : TP/IZ
 Sample : SSTD08067
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08067

Manual Integrations
 APPROVED

apatel
 5/13/2015 2:38:48 PM

Quant Time: May 12 06:42:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 12 05:46:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	190509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	839092	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.13	164	501602	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	1088918	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	1069355	20.00	ng/ul	0.01
83) Perylene-d12	23.20	264	863133	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.87	96	119617	29.42	ng/uL	0.00
5) Phenol-d5	6.65	99	1270822	82.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	745114	76.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	1036360	86.12	ng/ul	0.01
13) 4-Methylphenol-d8	8.19	113	1055624	83.47	ng/ul	0.02
19) Nitrobenzene-d5	8.61	128	493704	87.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	575773	93.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	1084219	89.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.38	131	1303259	90.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	2826643	81.88	ng/ul	0.01
46) Acenaphthylene-d8	13.82	160	4053200	83.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	593859	81.28	ng/ul	0.02
57) Fluorene-d10	15.13	176	2748302	80.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	576482	87.74	ng/ul	0.02
70) Anthracene-d10	16.98	188	4119294	82.05	ng/ul	0.01
76) Pyrene-d10	19.29	212	4188125	88.89	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.07	264	3211247	83.00	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	130831	28.84	ng/uL	96
4) Benzaldehyde	6.59	77	720386	92.26	ng/ul	97
6) Phenol	6.67	94	1322923	79.94	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	1006763	78.47	ng/ul	98
10) 2-Chlorophenol	7.02	128	1059323	83.74	ng/ul	98
11) 2-Methylphenol	7.91	108	1029741	83.21	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	1813692	75.52	ng/ul	99
14) Acetophenone	8.28	105	1696050	82.57	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.28	70	880747	88.30	ng/ul	99
16) 4-Methylphenol	8.25	108	1142797	83.58	ng/ul	97
17) Hexachloroethane	8.52	117	423072	81.41	ng/ul	98
20) Nitrobenzene	8.66	77	1254153	80.13	ng/ul	97
21) Isophorone	9.18	82	2309481	85.44	ng/ul	100
23) 2-Nitrophenol	9.36	139	625186	90.44	ng/ul	96
24) 2,4-Dimethylphenol	9.44	107	1251031	82.77	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	1413982	80.92	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	1060608	86.99	ng/ul	100
28) Naphthalene	10.28	128	3503163	79.88	ng/ul	99
30) 4-Chloroaniline	10.40	127	1313975	88.42	ng/ul	99
31) Hexachlorobutadiene	10.57	225	609594	81.42	ng/ul	96
32) Caprolactam	11.18	113	344195m	88.15	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	1150308	86.70	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	2539865	82.86	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.29	216	1239043	80.38	ng/ul	99
37) Hexachlorocyclopentadiene	12.27	237	751169	86.57	ng/ul	99
38) 2,4,6-Trichlorophenol	12.55	196	835149	89.59	ng/ul	100
39) 2,4,5-Trichlorophenol	12.62	196	897309	86.29	ng/ul	98
40) 1,1'-Biphenyl	12.95	154	3339441	79.61	ng/ul	100
41) 2-Chloronaphthalene	12.99	162	2578036	79.80	ng/ul	100
42) 2-Nitroaniline	13.21	65	839218	89.97	ng/ul	97
44) Dimethylphthalate	13.60	163	3169493	80.64	ng/ul	100
45) 2,6-Dinitrotoluene	13.72	165	689963	95.03	ng/ul	96
47) Acenaphthylene	13.85	152	4273629	81.27	ng/ul	98
48) 3-Nitroaniline	14.05	138	670475	85.99	ng/ul	100
49) Acenaphthene	14.19	153	2790798	79.37	ng/ul	98
50) 2,4-Dinitrophenol	14.26	184	433563	98.56	ng/ul	90
52) 4-Nitrophenol	14.39	109	482678	76.65	ng/ul	96
53) Dibenzofuran	14.53	168	3885203	79.68	ng/ul	98
54) 2,4-Dinitrotoluene	14.52	165	1002338	91.01	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.77	232	765900	92.98	ng/ul	98
56) Diethylphthalate	14.97	149	3234306	81.12	ng/ul	99
58) Fluorene	15.19	166	3319468	80.95	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.19	204	1562490	80.28	ng/ul	100
60) 4-Nitroaniline	15.23	138	713184m	80.77	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.29	198	607038	85.60	ng/ul	100
64) N-Nitrosodiphenylamine	15.40	169	2736436	83.42	ng/ul	99
65) 4-Bromophenyl-phenylether	16.08	248	900049	85.74	ng/ul	97
66) Hexachlorobenzene	16.19	284	967176	81.38	ng/ul	98
67) Atrazine	16.37	200	947865	82.04	ng/ul	98
68) Pentachlorophenol	16.54	266	607644	90.53	ng/ul	96
69) Phenanthrene	16.92	178	4870531	78.61	ng/ul	98
71) Anthracene	17.02	178	5092692	80.61	ng/ul	100
72) Carbazole	17.29	167	4519603	76.92	ng/ul	99
73) Di-n-butylphthalate	17.86	149	5466988	87.11	ng/ul	99
74) Fluoranthene	18.94	202	5342387	74.68	ng/ul	96
77) Pyrene	19.32	202	5635196	87.10	ng/ul	98
78) Butylbenzylphthalate	20.23	149	2427182	102.10	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.01	252	1607610	84.25	ng/ul	99
80) Benzo(a)anthracene	21.07	228	5040803	79.76	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.01	149	3510830	93.90	ng/ul	97
82) Chrysene	21.12	228	4646616	77.24	ng/ul	100
84) Di-n-octyl phthalate	21.86	149	5523854	95.32	ng/ul	100
85) Benzo(b)fluoranthene	22.58	252	4482217	84.55	ng/ul	100
86) Benzo(k)fluoranthene	22.62	252	4217823	84.41	ng/ul	99
88) Benzo(a)pyrene	23.12	252	4148067	81.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.31	276	4260960	75.75	ng/ul	97
90) Dibenzo(a,h)anthracene	25.31	278	3610575	76.72	ng/ul	98
91) Benzo(g,h,i)perylene	25.94	276	3519234	74.96	ng/ul	99

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

