

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021015\SOM02.2\
 Data File : BG015976.D
 Acq On : 10 Feb 2015 12:14
 Operator : TP/IZ
 Sample : SSTD08099
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08099

Manual Integrations
 APPROVED

apatel
 2/11/2015 4:07:41 PM

Quant Time: Feb 11 03:17:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 02:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	94092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	451068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	272624	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	563691	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	593791	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	578985	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	68042	77.29	ng/uL	0.00
5) Phenol-d5	6.99	99	768989	83.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	431259	78.71	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	570616	83.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	599072	82.66	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	300582	80.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	324975	83.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	550095	78.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	586650	68.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1339395	70.69	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1805328	69.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	377739	82.28	ng/ul	0.02
57) Fluorene-d10	15.45	176	1316086	71.56	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	296094	99.67	ng/ul	0.02
70) Anthracene-d10	17.29	188	1849709	69.06	ng/ul	0.00
76) Pyrene-d10	19.58	212	1943804	71.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1992891	76.57	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	78812	75.17	ng/uL	97
4) Benzaldehyde	6.96	77	228875	70.90	ng/ul	97
6) Phenol	7.02	94	800029	82.05	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	599408	78.58	ng/ul	97
10) 2-Chlorophenol	7.39	128	567843	80.95	ng/ul	96
11) 2-Methylphenol	8.26	108	591082	82.51	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	825893	77.85	ng/ul	99
14) Acetophenone	8.65	105	832932	77.75	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	506417	77.56	ng/ul	98
16) 4-Methylphenol	8.60	108	656014	80.19	ng/ul	98
17) Hexachloroethane	8.90	117	215950	80.77	ng/ul	95
20) Nitrobenzene	9.03	77	669460	76.69	ng/ul	100
21) Isophorone	9.55	82	1328784	72.09	ng/ul	97
23) 2-Nitrophenol	9.73	139	341610	81.04	ng/ul	94
24) 2,4-Dimethylphenol	9.79	107	661988	76.58	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	788513	73.79	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	527395	78.75	ng/ul	97
28) Naphthalene	10.66	128	1700266	69.91	ng/ul	95
30) 4-Chloroaniline	10.77	127	588592	68.06	ng/ul	100
31) Hexachlorobutadiene	10.95	225	269984	77.39	ng/ul	97
32) Caprolactam	11.56	113	278464m	75.99	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	629540	75.43	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	1251052	71.31	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	550826	80.51	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	359067	85.29	ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	389272	83.11	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	421034	79.78	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	1483416	70.30	ng/ul	92
41) 2-Chloronaphthalene	13.33	162	1159924	73.50	ng/ul	94
42) 2-Nitroaniline	13.53	65	427054	81.43	ng/ul	97
44) Dimethylphthalate	13.92	163	1439505	70.47	ng/ul	96
45) 2,6-Dinitrotoluene	14.04	165	357757	83.43	ng/ul	97
47) Acenaphthylene	14.18	152	1886158	67.79	ng/ul#	91
48) 3-Nitroaniline	14.36	138	376856	75.11	ng/ul	97
49) Acenaphthene	14.52	153	1316553	72.45	ng/ul	95
50) 2,4-Dinitrophenol	14.56	184	207562	107.58	ng/ul	98
52) 4-Nitrophenol	14.67	109	211031	80.28	ng/ul	96
53) Dibenzofuran	14.85	168	1680449	68.34	ng/ul	90
54) 2,4-Dinitrotoluene	14.82	165	501131	81.65	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	376853	82.09	ng/ul#	95
56) Diethylphthalate	15.29	149	1480134	69.13	ng/ul	94
58) Fluorene	15.50	166	1489173	68.39	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	721075	73.94	ng/ul	96
60) 4-Nitroaniline	15.53	138	475610	80.19	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.58	198	315529	96.63	ng/ul	99
64) N-Nitrosodiphenylamine	15.71	169	1307787	71.34	ng/ul	93
65) 4-Bromophenyl-phenylether	16.39	248	458975	78.28	ng/ul	98
66) Hexachlorobenzene	16.50	284	518682	78.89	ng/ul	99
67) Atrazine	16.67	200	462169	75.55	ng/ul	96
68) Pentachlorophenol	16.84	266	333148	88.71	ng/ul	99
69) Phenanthrene	17.24	178	2068282	64.97	ng/ul#	87
71) Anthracene	17.33	178	2102099	63.69	ng/ul#	87
72) Carbazole	17.60	167	2082460	66.21	ng/ul#	90
73) Di-n-butylphthalate	18.17	149	2287725	60.10	ng/ul#	88
74) Fluoranthene	19.25	202	2236474	61.35	ng/ul#	86
77) Pyrene	19.61	202	2264392	62.77	ng/ul#	83
78) Butylbenzylphthalate	20.51	149	1192968	74.03	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.29	252	862211	72.71	ng/ul	98
80) Benzo(a)anthracene	21.35	228	2135703	63.53	ng/ul#	83
81) Bis(2-ethylhexyl)phthalate	21.29	149	1530955	71.63	ng/ul#	86
82) Chrysene	21.40	228	1990652	62.20	ng/ul#	81
84) Di-n-octyl phthalate	22.19	149	2385544	64.86	ng/ul	100
85) Benzo(b)fluoranthene	22.98	252	2398759	72.45	ng/ul	92
86) Benzo(k)fluoranthene	23.02	252	2211419	66.54	ng/ul#	88
88) Benzo(a)pyrene	23.58	252	2316806	72.20	ng/ul	92
89) Indeno(1,2,3-cd)pyrene	26.06	276	2952579	77.28	ng/ul	92
90) Dibenzo(a,h)anthracene	26.07	278	2464665	76.05	ng/ul	94
91) Benzo(g,h,i)perylene	26.79	276	2481721	78.30	ng/ul	96

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

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