

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017875.D
 Acq On : 15 Jul 2015 1:28
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

apatel
 7/16/2015 8:18:52 AM

Quant Time: Jul 15 07:20:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 02:46:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	76705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	351297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	195457	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	405004	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	397220	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	364596	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	15318	7.15	ng/uL	0.00
5) Phenol-d5	6.77	99	119495	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	85775	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	94812	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	89455	17.64	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	51452	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	37166	18.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	78107	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	123523	20.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	266929	19.59	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	343524	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	44719	17.39	ng/ul	0.00
57) Fluorene-d10	15.25	176	241200	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	28778	15.19	ng/ul	0.00
70) Anthracene-d10	17.10	188	359781	19.60	ng/ul	0.00
78) Pyrene-d10	19.41	212	377029	20.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	346853	19.41	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	18044	7.87	ng/uL	90
4) Benzaldehyde	6.74	77	63798	16.47	ng/ul	95
6) Phenol	6.79	94	134775	18.58	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	111841	18.90	ng/ul	94
10) 2-Chlorophenol	7.15	128	98228	18.93	ng/ul	96
11) 2-Methylphenol	8.04	108	99749	18.92	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	162748	18.92	ng/ul	99
14) Acetophenone	8.41	105	164175	19.45	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	100591	19.34	ng/ul	94
16) 4-Methylphenol	8.36	108	107781	18.76	ng/ul	97
17) Hexachloroethane	8.66	117	47303	19.09	ng/ul	96
20) Nitrobenzene	8.78	77	135278	18.71	ng/ul	93
21) Isophorone	9.30	82	255096	18.85	ng/ul	99
23) 2-Nitrophenol	9.49	139	44655	18.27	ng/ul	94
24) 2,4-Dimethylphenol	9.56	107	114895	18.38	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	143688	18.89	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	78937	18.54	ng/ul	100
28) Naphthalene	10.42	128	343917	18.92	ng/ul	100
30) 4-Chloroaniline	10.53	127	128284	20.32	ng/ul	99
31) Hexachlorobutadiene	10.71	225	50473	18.81	ng/ul	95
32) Caprolactam	11.29	113	53752m	17.22	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	97620	18.68	ng/ul#	91
34) 2-Methylnaphthalene	12.04	142	234235	19.00	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	98033	19.06	ng/ul	92
37) Hexachlorocyclopentadiene	12.40	237	46331	17.33	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	50325	18.05	ng/ul	88
39) 2,4,5-Trichlorophenol	12.74	196	58246	19.14	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	293758	19.42	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	221855	19.10	ng/ul	98
42) 2-Nitroaniline	13.32	65	63468	18.63	ng/ul	95
44) Dimethylphthalate	13.71	163	277486	19.39	ng/ul	97
45) 2,6-Dinitrotoluene	13.83	165	49218	18.87	ng/ul	97
47) Acenaphthylene	13.96	152	379263	19.37	ng/ul	99
48) 3-Nitroaniline	14.15	138	53750	18.08	ng/ul	84
49) Acenaphthene	14.31	153	255689	19.41	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	16111	14.66	ng/ul#	83
52) 4-Nitrophenol	14.47	109	38917	17.85	ng/ul	86
53) Dibenzofuran	14.65	168	337233	19.44	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	71787	19.20	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.88	232	44171	18.81	ng/ul#	99
56) Diethylphthalate	15.09	149	292123	19.83	ng/ul	98
58) Fluorene	15.30	166	294290	19.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	131834	18.84	ng/ul	97
60) 4-Nitroaniline	15.32	138	58576	16.54	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.38	198	32817	15.53	ng/ul	93
64) N-Nitrosodiphenylamine	15.52	169	237050	19.22	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	74084	19.07	ng/ul	90
66) Hexachlorobenzene	16.30	284	77864	18.46	ng/ul	99
67) Atrazine	16.47	200	77863	18.41	ng/ul	96
68) Pentachlorophenol	16.65	266	30916	14.79	ng/ul	94
69) Phenanthrene	17.04	178	430046	19.23	ng/ul	100
71) Anthracene	17.13	178	443305	19.36	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	95916	18.61	ng/uL	94
73) Pentachlorobenzene	14.56	250	92605	18.73	ng/uL	92
74) Carbazole	17.41	167	404240	20.24	ng/ul	97
75) Di-n-butylphthalate	17.98	149	486270	19.41	ng/ul	98
76) Fluoranthene	19.06	202	473761	20.86	ng/ul	97
79) Pyrene	19.43	202	494455	20.22	ng/ul	97
80) Butylbenzylphthalate	20.35	149	189288	19.15	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	102221	17.17	ng/ul	94
82) Benzo(a)anthracene	21.19	228	432167	19.71	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	252324	18.42	ng/ul	99
84) Chrysene	21.24	228	415169	19.72	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	394642	18.47	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	391035	19.44	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	404061	19.49	ng/ul	98
90) Benzo(a)pyrene	23.32	252	393425	19.47	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	415194	19.20	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	347299	18.88	ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	344896	19.06	ng/ul	94

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

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Abundance

