

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
 Data File : BG019472.D
 Acq On : 4 Nov 2015 12:16
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02032

Manual Integrations
 APPROVED

Mmdadoda
 11/5/2015 2:20:26 PM

Quant Time: Nov 04 22:11:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 04 02:23:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	39231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	167290	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	131602	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	369516	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	470207	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	444107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	6791	8.29	ng/uL	0.00
5) Phenol-d5	7.33	99	74522	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	52050	22.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	47048	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	60757	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	25478	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	30079	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	63231	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	69860	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	213258	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	246500	20.51	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	34804	20.19	ng/ul	0.00
58) Fluorene-d10	15.80	176	197421	19.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	45539	19.04	ng/ul	0.00
71) Anthracene-d10	17.65	188	338801m	20.11	ng/ul	0.00
79) Pyrene-d10	19.92	212	392642	19.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	442388	19.85	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.52	88	7902m	8.47	ng/uL
4) Benzaldehyde	7.30	77	58276	24.88	ng/ul
6) Phenol	7.36	94	82278	21.45	ng/ul
8) Bis(2-Chloroethyl)ether	7.58	93	57473	21.81	ng/ul
10) 2-Chlorophenol	7.74	128	48629	21.01	ng/ul
11) 2-Methylphenol	8.62	108	59139	20.84	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.71	45	50061	23.70	ng/ul
14) Acetophenone	9.01	105	101268	21.03	ng/ul
15) N-Nitroso-di-n-propylamine	8.98	70	67931	21.52	ng/ul#
16) 4-Methylphenol	8.95	108	63996	20.65	ng/ul
17) Hexachloroethane	9.27	117	23255	19.24	ng/ul
20) Nitrobenzene	9.39	77	96655	20.11	ng/ul
21) Isophorone	9.92	82	172814	19.84	ng/ul
23) 2-Nitrophenol	10.11	139	30959	18.68	ng/ul#
24) 2,4-Dimethylphenol	10.16	107	84689	19.56	ng/ul
25) Bis(2-Chloroethoxy)methane	10.40	93	82604	20.04	ng/ul
27) 2,4-Dichlorophenol	10.65	162	60954	20.15	ng/ul#
28) Naphthalene	11.06	128	167429	20.00	ng/ul
30) 4-Chloroaniline	11.16	127	74156	22.08	ng/ul
31) Hexachlorobutadiene	11.34	225	59299	19.18	ng/ul
32) Caprolactam	11.91	113	22948m	21.16	ng/ul
33) 4-Chloro-3-methylphenol	12.27	107	82885	20.41	ng/ul
34) 2-Methylnaphthalene	12.66	142	131458	19.54	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	130914	20.57	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	107417	19.80	ng/ul	98
38) Hexachlorocyclopentadiene	12.99	237	64055	15.91	ng/ul	91
39) 2,4,6-Trichlorophenol	13.25	196	66228	20.65	ng/ul	94
40) 2,4,5-Trichlorophenol	13.33	196	69991	19.89	ng/ul	98
41) 1,1'-Biphenyl	13.65	154	190336	20.46	ng/ul#	95
42) 2-Chloronaphthalene	13.70	162	144608	19.93	ng/ul	99
43) 2-Nitroaniline	13.89	65	63134	20.34	ng/ul	96
45) Dimethylphthalate	14.25	163	214587	19.34	ng/ul#	95
46) 2,6-Dinitrotoluene	14.38	165	46080	20.51	ng/ul	96
48) Acenaphthylene	14.54	152	246640	20.03	ng/ul	99
49) 3-Nitroaniline	14.71	138	41019	21.22	ng/ul	92
50) Acenaphthene	14.88	153	164020	19.73	ng/ul	99
51) 2,4-Dinitrophenol	14.92	184	28135	16.66	ng/ul	85
53) 4-Nitrophenol	15.01	109	50479	18.78	ng/ul#	71
54) Dibenzofuran	15.21	168	246648	20.15	ng/ul	97
55) 2,4-Dinitrotoluene	15.16	165	71145	20.06	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.43	232	72130	19.61	ng/ul	94
57) Diethylphthalate	15.61	149	214214	19.55	ng/ul	99
59) Fluorene	15.86	166	210957	19.75	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	121228	19.10	ng/ul	97
61) 4-Nitroaniline	15.87	138	42616	19.18	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.92	198	47850	18.50	ng/ul#	91
65) N-Nitrosodiphenylamine	16.05	169	189786	19.86	ng/ul	99
66) 4-Bromophenyl-phenylether	16.73	248	85591	19.49	ng/ul	95
67) Hexachlorobenzene	16.86	284	92840	19.92	ng/ul	95
68) Atrazine	16.99	200	92336	19.49	ng/ul	95
69) Pentachlorophenol	17.20	266	50529	18.37	ng/ul	94
70) Phenanthrene	17.60	178	373811	20.04	ng/ul	96
72) Anthracene	17.68	178	370731	19.50	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	106906	19.97	ng/uL	96
74) Pentachlorobenzene	15.13	250	107445	19.91	ng/uL	95
75) Carbazole	17.96	167	312343	20.59	ng/ul	96
76) Di-n-butylphthalate	18.50	149	369684	19.66	ng/ul	98
77) Fluoranthene	19.59	202	496408	20.56	ng/ul#	95
80) Pvrene	19.96	202	503498	19.08	ng/ul#	92
81) Butylbenzylphthalate	20.82	149	173021	20.18	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.72	252	186078	20.20	ng/ul	97
83) Benzo(a)anthracene	21.82	228	539252	19.69	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	251096	20.60	ng/ul	97
85) Chrysene	21.88	228	495281	19.28	ng/ul	98
87) Di-n-octyl phthalate	22.96	149	426516	21.21	ng/ul	100
88) Benzo(b)fluoranthene	24.12	252	508804	19.43	ng/ul#	97
89) Benzo(k)fluoranthene	24.18	252	500080	19.84	ng/ul	98
91) Benzo(a)pyrene	25.03	252	493283	19.60	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.04	276	563610m	19.88	ng/ul	
93) Dibenzo(a,h)anthracene	29.11	278	463064	19.57	ng/ul	98
94) Benzo(a,h,i)perylene	30.23	276	466504	21.68	ng/ul#	89

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

