Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG021979.D
Acq On : 21 May 2016 13:28
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 23 17:18:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	31676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	160142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	87401	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	176894	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	158120	20.00	ng/ul	0.01
83) Perylene-d12	25.15	264	141754	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	40374	66.41	ng/uL	-0.01
5) Phenol-d5	7.32	99	489131	170.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	248149	165.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	398613	166.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	407026	167.69	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	205659	174.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	223919	175.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	382567	165.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	389322	158.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1008741	153.66	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	1351197	147.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	211483	187.07	ng/ul	0.03
57) Fluorene-d10	15.78	176	930331	151.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	173027	187.13	ng/ul	0.02
70) Anthracene-d10	17.64	188	1258576	147.81	ng/ul	0.01
76) Pyrene-d10	19.91	212	1291557	144.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.94	264	1081804	164.47	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	71639	65.00	ng/uL	97
4) Benzaldehyde	7.30	77	214553	136.03	ng/ul	96
6) Phenol	7.35	94	485994	168.60	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.58	93	347292	164.92	ng/ul	97
10) 2-Chlorophenol	7.73	128	392048	166.24	ng/ul	97
11) 2-Methylphenol	8.61	108	383802	166.72	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.69	45	393631	156.46	ng/ul	98
14) Acetophenone	9.00	105	557237	164.10	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.00	70	276698	157.86	ng/ul	95
16) 4-Methylphenol	8.95	108	411944	165.97	ng/ul	99
17) Hexachloroethane	9.25	117	146252	155.59	ng/ul	96
20) Nitrobenzene	9.38	77	403886	168.97	ng/ul	98
21) Isophorone	9.91	82	807150	158.38	ng/ul	98
23) 2-Nitrophenol	10.09	139	232435	173.79	ng/ul	99
24) 2,4-Dimethylphenol	10.15	107	425075	164.69	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.38	93	481689	164.68	ng/ul	98
27) 2,4-Dichlorophenol	10.64	162	367911	166.09	ng/ul	98
28) Naphthalene	11.03	128	1215814	149.74	ng/ul	97
30) 4-Chloroaniline	11.15	127	390296	158.00	ng/ul	99
31) Hexachlorobutadiene	11.30	225	200440	153.50	ng/ul	97
32) Caprolactam	11.96	113	102514	115.65	ng/ul	95
33) 4-Chloro-3-methylphenol	12.27	107	401382	170.16	ng/ul	97
34) 2-Methylnaphthalene	12.63	142	891250	153.55	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	403420	155.61 ng/ul	98
37) Hexachlorocyclopentadiene	12.96	237	213826	191.47 ng/ul	97
38) 2,4,6-Trichlorophenol	13.23	196	289931	165.60 ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	315262	169.69 ng/ul	97
40) 1,1'-Biphenyl	13.63	154	1081996	150.35 ng/ul	97
41) 2-Chloronaphthalene	13.67	162	834905	151.04 ng/ul	96
42) 2-Nitroaniline	13.88	65	226866	187.79 ng/ul	98
44) Dimethylphthalate	14.24	163	978322	148.30 ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	241956	170.99 ng/ul	95
47) Acenaphthylene	14.52	152	1339855	143.48 ng/ul	94
48) 3-Nitroaniline	14.70	138	223373	170.64 ng/ul	93
49) Acenaphthene	14.85	153	968184	150.09 ng/ul	96
50) 2,4-Dinitrophenol	14.91	184	126149	230.23 ng/ul	92
52) 4-Nitrophenol	15.02	109	123952	194.45 ng/ul	94
53) Dibenzofuran	15.19	168	1182060	148.20 ng/ul	89
54) 2,4-Dinitrotoluene	15.16	165	324315	169.98 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.42	232	247947	168.74 ng/ul	94
56) Diethylphthalate	15.60	149	1031129	150.64 ng/ul	96
58) Fluorene	15.84	166	1017080	151.06 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	487931	160.89 ng/ul	98
60) 4-Nitroaniline	15.88	138	240542	166.49 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.93	198	179931	188.04 ng/ul#	97
64) N-Nitrosodiphenylamine	16.04	169	858969	153.58 ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	292566	163.65 ng/ul	98
66) Hexachlorobenzene	16.84	284	325204	156.68 ng/ul	99
67) Atrazine	16.99	200	299910	155.68 ng/ul	97
68) Pentachlorophenol	17.18	266	195623	181.05 ng/ul	97
69) Phenanthrene	17.58	178	1457448	148.12 ng/ul#	92
71) Anthracene	17.67	178	1441001	144.59 ng/ul#	92
72) Carbazole	17.94	167	1371480	158.76 ng/ul	94
73) Di-n-butylphthalate	18.47	149	1616175	139.63 ng/ul#	92
74) Fluoranthene	19.58	202	1558115	155.41 ng/ul	94
77) Pyrene	19.58	202	1558115	140.04 ng/ul	100
78) Butylbenzylphthalate	20.81	149	781506	148.22 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.71	252	419675	141.23 ng/ul	99
80) Benzo(a)anthracene	21.80	228	1386226	149.48 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.68	149	1077138	143.55 ng/ul	97
82) Chrysene	21.87	228	1311110	146.03 ng/ul#	91
84) Di-n-octyl phthalate	22.93	149	1737637	150.45 ng/ul	100
85) Benzo(b)fluoranthene	24.10	252	1408618	169.80 ng/ul	97
86) Benzo(k)fluoranthene	24.17	252	1249364	153.16 ng/ul	93
88) Benzo(a)pyrene	25.02	252	1301379	162.60 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.01	276	707585	76.85 ng/ul	94
90) Dibenzo(a,h)anthracene	29.08	278	1287307	167.63 ng/ul	99
91) Benzo(g,h,i)perylene	30.22	276	1192925	162.31 ng/ul	96

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

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