Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022727.D
Acq On : 30 Jun 2016 15:01
Operator : UM/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08005

Quant Time: Jun 30 15:43:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 14:49:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	99670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	483764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	389209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	2917238	20.00	ng/ul	0.10
75) Chrysene-d12	21.86	240	1045164	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1049165	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	59786	31.25	ng/uL	0.00
5) Phenol-d5	7.31	99	859077	95.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	473986	100.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	566004	75.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	665092	87.08	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	308947	86.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	367620	95.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	745843	109.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	722123	97.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	2201821	75.32	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	2489148	60.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	405079	80.46	ng/ul	0.01
57) Fluorene-d10	15.80	176	2072080	75.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	976	0.06	ng/ul	0.09
70) Anthracene-d10	17.66	188	2917238	20.83	ng/ul	0.00
76) Pyrene-d10	19.94	212	3234394	54.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	3650700	74.99	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	66223	19.10	ng/uL#	78
4) Benzaldehyde	7.29	77	547480	110.32	ng/ul	88
6) Phenol	7.34	94	882339	97.28	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.57	93	601219	90.73	ng/ul	92
10) 2-Chlorophenol	7.72	128	570763	76.92	ng/ul#	86
11) 2-Methylphenol	8.60	108	664780	91.77	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.69	45	668224	84.41	ng/ul	93
14) Acetophenone	8.99	105	1066970	99.86	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.97	70	647709	117.44	ng/ul#	84
16) 4-Methylphenol	8.94	108	730706	93.56	ng/ul	98
17) Hexachloroethane	9.25	117	250065	84.54	ng/ul#	78
20) Nitrobenzene	9.38	77	918721	127.23	ng/ul#	83
21) Isophorone	9.90	82	1690809	109.83	ng/ul#	91
23) 2-Nitrophenol	10.09	139	396545	98.15	ng/ul#	46
24) 2,4-Dimethylphenol	10.14	107	902118	115.70	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.38	93	951699	107.71	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	732910	109.53	ng/ul	95
28) Naphthalene	11.04	128	1796103	73.23	ng/ul	98
30) 4-Chloroaniline	11.14	127	730802	97.94	ng/ul	100
31) Hexachlorobutadiene	11.31	225	574862	145.73	ng/ul	95
32) Caprolactam	12.03	113	23200	8.65	ng/ul	87
33) 4-Chloro-3-methylphenol	12.50	107	1398	0.20	ng/ul	90
34) 2-Methylnaphthalene	12.64	142	1511137	86.19	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	1086771	94.14	ng/ul	96
37) Hexachlorocyclopentadiene	12.98	237	757204	152.26	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.24	196	759693	97.44	ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	784700	94.85	ng/ul	95
40) 1,1'-Biphenyl	13.63	154	2019163	63.01	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	1686874	68.53	ng/ul	92
42) 2-Nitroaniline	13.89	65	705901	127.21	ng/ul#	64
44) Dimethylphthalate	14.25	163	2194432	74.70	ng/ul#	94
45) 2,6-Dinitrotoluene	14.37	165	547067	86.82	ng/ul#	81
47) Acenaphthylene	14.53	152	2451281	58.95	ng/ul#	89
48) 3-Nitroaniline	14.72	138	447308	74.09	ng/ul#	56
49) Acenaphthene	14.87	153	1748000	60.85	ng/ul	91
50) 2,4-Dinitrophenol	14.97	184	1833	0.75	ng/ul	94
52) 4-Nitrophenol	15.03	109	513916	181.04	ng/ul#	60
53) Dibenzofuran	15.20	168	2502532	70.46	ng/ul#	71
54) 2,4-Dinitrotoluene	15.17	165	772262	90.89	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.43	232	836683	127.86	ng/ul	98
56) Diethylphthalate	15.61	149	2234346	73.30	ng/ul#	85
58) Fluorene	15.86	166	2105096	70.21	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.84	204	1314144	97.30	ng/ul	96
60) 4-Nitroaniline	15.88	138	517766	78.11	ng/ul#	36
63) 4,6-Dinitro-2-methylphenol	16.00	198	1390	0.09	ng/ul#	31
64) N-Nitrosodiphenylamine	16.05	169	1956049	21.21	ng/ul	99
65) 4-Bromophenyl-phenylether	16.74	248	946171	32.09	ng/ul	98
66) Hexachlorobenzene	16.86	284	1002650	29.29	ng/ul	91
67) Atrazine	17.01	200	923015	29.05	ng/ul	93
68) Pentachlorophenol	17.21	266	667712	37.47	ng/ul	93
69) Phenanthrene	17.70	178	3111096	19.17	ng/ul#	83
71) Anthracene	17.70	178	3111096	18.93	ng/ul#	83
72) Carbazole	17.96	167	2722962	19.11	ng/ul#	90
73) Di-n-butylphthalate	18.51	149	3012949	15.78	ng/ul#	81
74) Fluoranthene	19.61	202	3439783	20.74	ng/ul	96
77) Pyrene	19.97	202	3390518	46.10	ng/ul	96
78) Butylbenzylphthalate	20.84	149	1671387	47.96	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.75	252	1610992	82.02	ng/ul#	92
80) Benzo(a)anthracene	21.84	228	3879426	63.29	ng/ul#	78
81) Bis(2-ethylhexyl)phthalate	21.45	149	7900	0.16	ng/ul	96
82) Chrysene	21.91	228	3573596	60.78	ng/ul#	75
84) Di-n-octyl phthalate	22.98	149	3569271	41.75	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	4524627	73.69	ng/ul#	86
86) Benzo(k)fluoranthene	24.23	252	4151310	69.47	ng/ul#	81
88) Benzo(a)pyrene	25.08	252	4303508	72.65	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.10	276	4974408	73.24	ng/ul#	79
90) Dibenzo(a,h)anthracene	29.17	278	3890877	68.45	ng/ul#	85
91) Benzo(g,h,i)perylene	30.31	276	3776474	69.41	ng/ul#	77

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

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