Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072016\
Data File : BG023187.D
Acq On : 20 Jul 2016 13:51
Operator : UM/SJ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Quant Time: Jul 20 15:34:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:17:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	113085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	536763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	397700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	992613	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1021503	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1015585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	20603	10.18	ng/uL	0.00
5) Phenol-d5	7.29	99	239892	20.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	156859	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	156258	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	181826	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	84860	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	100696	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	185117	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	246349	26.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	680056	21.05	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	777036	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	122203	24.09	ng/ul	0.00
57) Fluorene-d10	15.81	176	611753	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	138686	21.72	ng/ul	0.00
70) Anthracene-d10	17.67	188	960389	20.82	ng/ul	0.00
76) Pyrene-d10	19.96	212	1107071	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	950271	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	20363	8.59	ng/uL#	77
4) Benzaldehyde	7.26	77	175226	23.17	ng/ul	83
6) Phenol	7.31	94	250182	20.53	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.54	93	186928	22.44	ng/ul	87
10) 2-Chlorophenol	7.70	128	160172	19.82	ng/ul#	83
11) 2-Methylphenol	8.58	108	177840	19.43	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.67	45	254260	27.14	ng/ul	98
14) Acetophenone	8.97	105	321417	21.54	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.94	70	210145	23.43	ng/ul#	84
16) 4-Methylphenol	8.91	108	200510	19.70	ng/ul	100
17) Hexachloroethane	9.23	117	77193	22.43	ng/ul#	79
20) Nitrobenzene	9.36	77	281876	21.42	ng/ul#	83
21) Isophorone	9.88	82	540810	23.03	ng/ul#	91
23) 2-Nitrophenol	10.08	139	104910	19.15	ng/ul#	62
24) 2,4-Dimethylphenol	10.13	107	251665	19.19	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.36	93	297507	21.48	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	190128	17.52	ng/ul	94
28) Naphthalene	11.03	128	543638	19.81	ng/ul	97
30) 4-Chloroaniline	11.13	127	255682	27.38	ng/ul	94
31) Hexachlorobutadiene	11.30	225	147668	17.67	ng/ul	92
32) Caprolactam	11.90	113	43800	12.10	ng/ul#	43
33) 4-Chloro-3-methylphenol	12.26	107	247579	18.04	ng/ul#	79
34) 2-Methylnaphthalene	12.63	142	455542	20.06	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	269644	18.14	ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	173037	19.28	ng/ul	99
38) 2,4,6-Trichlorophenol	13.24	196	183024	17.85	ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	194018	17.98	ng/ul	92
40) 1,1'-Biphenyl	13.64	154	612701	20.26	ng/ul	97
41) 2-Chloronaphthalene	13.68	162	491061	20.05	ng/ul	96
42) 2-Nitroaniline	13.89	65	219590	23.18	ng/ul#	62
44) Dimethylphthalate	14.25	163	691446	20.96	ng/ul#	97
45) 2,6-Dinitrotoluene	14.38	165	144824	20.28	ng/ul#	76
47) Acenaphthylene	14.54	152	796090	21.35	ng/ul	99
48) 3-Nitroaniline	14.72	138	143556	25.72	ng/ul#	47
49) Acenaphthene	14.88	153	524944	20.72	ng/ul	94
52) 4-Nitrophenol	15.03	109	138644	21.49	ng/ul#	67
53) Dibenzofuran	15.21	168	787592	20.13	ng/ul#	86
54) 2,4-Dinitrotoluene	15.17	165	230003	22.27	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.44	232	191806	17.46	ng/ul	97
56) Diethylphthalate	15.62	149	728905	21.75	ng/ul	95
58) Fluorene	15.86	166	646531	20.56	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	337454	17.92	ng/ul	95
60) 4-Nitroaniline	15.89	138	169219	25.24	ng/ul#	46
63) 4,6-Dinitro-2-methylphenol	15.94	198	147434	21.79	ng/ul#	84
64) N-Nitrosodiphenylamine	16.06	169	586453	20.06	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	230874	17.39	ng/ul	99
66) Hexachlorobenzene	16.87	284	233625	16.62	ng/ul#	91
67) Atrazine	17.02	200	264629	21.71	ng/ul	93
68) Pentachlorophenol	17.22	266	144762	17.91	ng/ul	92
69) Phenanthrene	17.61	178	1063022	20.94	ng/ul	97
71) Anthracene	17.71	178	1120515	21.48	ng/ul	98
72) Carbazole	17.98	167	973355	25.21	ng/ul	97
73) Di-n-butylphthalate	18.52	149	1228606	24.79	ng/ul#	94
74) Fluoranthene	19.62	202	1303020	24.64	ng/ul#	91
77) Pyrene	19.99	202	1325643	23.18	ng/ul#	91
78) Butylbenzylphthalate	20.87	149	562222	25.35	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.79	252	475391	24.57	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1260100	21.03	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	758016	26.49	ng/ul#	98
82) Chrysene	21.94	228	1153533	21.15	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	1288977	28.80	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1263405	19.91	ng/ul#	92
86) Benzo(k)fluoranthene	24.28	252	1181943	19.83	ng/ul#	92
88) Benzo(a)pyrene	25.14	252	1210993	20.08	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.21	276	1314061	20.61	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.26	278	1089676	20.67	ng/ul#	89
91) Benzo(g,h,i)perylene	30.42	276	1079715	21.60	ng/ul#	82

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

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