Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022729.D
Acq On : 30 Jun 2016 16:21
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Quant Time: Jun 30 16:55:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 16:28:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	109888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	502301	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	383271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	980576	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1126588	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1090793	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	12582	6.40	ng/uL	0.00
5) Phenol-d5	7.31	99	206319	17.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	120686	18.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	132087	17.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	161198	17.95	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	70198	17.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	83810	17.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	188591	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	152427	17.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	588265	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	673992	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	91944	18.81	ng/ul	0.00
57) Fluorene-d10	15.79	176	555251	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	97871	15.52	ng/ul	0.00
70) Anthracene-d10	17.65	188	844593	18.53	ng/ul	0.00
76) Pyrene-d10	19.94	212	1011250	18.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	948950	18.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17864	7.75	ng/uL#	81
4) Benzaldehyde	7.29	77	140174	19.07	ng/ul	89
6) Phenol	7.34	94	217827	18.40	ng/ul#	59
8) Bis(2-Chloroethyl)ether	7.57	93	156462	19.33	ng/ul	92
10) 2-Chlorophenol	7.72	128	141406	18.01	ng/ul#	84
11) 2-Methylphenol	8.60	108	161416	18.15	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.69	45	167709	18.43	ng/ul#	93
14) Acetophenone	8.99	105	264106	18.21	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.96	70	154279	17.70	ng/ul#	87
16) 4-Methylphenol	8.93	108	174589	17.66	ng/ul	99
17) Hexachloroethane	9.25	117	59540	17.80	ng/ul#	67
20) Nitrobenzene	9.37	77	225558	18.31	ng/ul#	79
21) Isophorone	9.89	82	398619	18.14	ng/ul#	91
23) 2-Nitrophenol	10.09	139	94198	18.37	ng/ul#	51
24) 2,4-Dimethylphenol	10.14	107	223398	18.20	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.38	93	230871	17.81	ng/ul	97
27) 2,4-Dichlorophenol	10.63	162	182190	17.94	ng/ul	97
28) Naphthalene	11.04	128	467614	18.21	ng/ul	96
30) 4-Chloroaniline	11.14	127	154697	17.71	ng/ul	97
31) Hexachlorobutadiene	11.32	225	138511	17.71	ng/ul	97
32) Caprolactam	11.90	113	58164	17.17	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.25	107	224791	17.50	ng/ul#	81
34) 2-Methylnaphthalene	12.63	142	384850	18.11	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	262146	18.30 ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	146500	16.93 ng/ul	93
38) 2,4,6-Trichlorophenol	13.23	196	185567	18.78 ng/ul	96
39) 2,4,5-Trichlorophenol	13.31	196	192209	18.48 ng/ul	96
40) 1,1'-Biphenyl	13.63	154	545393	18.71 ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	437718	18.55 ng/ul	92
42) 2-Nitroaniline	13.88	65	161325	17.67 ng/ul#	64
44) Dimethylphthalate	14.25	163	602362	18.95 ng/ul	98
45) 2,6-Dinitrotoluene	14.37	165	130529	18.96 ng/ul#	88
47) Acenaphthylene	14.53	152	679528	18.91 ng/ul	97
48) 3-Nitroaniline	14.70	138	104127	19.36 ng/ul#	49
49) Acenaphthene	14.87	153	453546	18.58 ng/ul	96
50) 2,4-Dinitrophenol	14.91	184	53408	13.96 ng/ul#	84
52) 4-Nitrophenol	15.02	109	115363	18.56 ng/ul#	56
53) Dibenzofuran	15.20	168	721319	19.13 ng/ul#	88
54) 2,4-Dinitrotoluene	15.16	165	189321	19.02 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.43	232	201651	19.05 ng/ul#	89
56) Diethylphthalate	15.61	149	610009	18.88 ng/ul	97
58) Fluorene	15.85	166	566631	18.70 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.84	204	334711	18.44 ng/ul	96
60) 4-Nitroaniline	15.87	138	128712	19.92 ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	15.92	198	109216	16.34 ng/ul#	87
64) N-Nitrosodiphenylamine	16.06	169	534254	18.50 ng/ul	94
65) 4-Bromophenyl-phenylether	16.74	248	237097	18.08 ng/ul	93
66) Hexachlorobenzene	16.85	284	250501	18.04 ng/ul	92
67) Atrazine	17.06	200	372	0.03 ng/ul	96
68) Pentachlorophenol	17.20	266	123228	15.44 ng/ul	97
69) Phenanthrene	17.60	178	967584	19.29 ng/ul	99
71) Anthracene	17.69	178	977032	18.96 ng/ul	98
72) Carbazole	17.96	167	789726	20.71 ng/ul	97
73) Di-n-butylphthalate	18.51	149	941926	19.24 ng/ul#	95
74) Fluoranthene	19.60	202	1145674	21.93 ng/ul#	87
77) Pyrene	19.97	202	1175710	18.64 ng/ul#	85
78) Butylbenzylphthalate	20.84	149	444748	18.18 ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.75	252	392433	18.39 ng/ul#	94
80) Benzo(a)anthracene	21.83	228	1246850	18.87 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	563090	17.84 ng/ul#	94
82) Chrysene	21.90	228	1142127	18.99 ng/ul	98
84) Di-n-octyl phthalate	22.98	149	953892	19.84 ng/ul	100
85) Benzo(b)fluoranthene	24.40	252	4392	0.06 ng/ul	94
86) Benzo(k)fluoranthene	24.40	252	4813	0.08 ng/ul	98
88) Benzo(a)pyrene	25.19	252	9033	0.14 ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.07	276	1177206	17.19 ng/ul#	80
90) Dibenzo(a,h)anthracene	29.15	278	919985	16.25 ng/ul#	87
91) Benzo(g,h,i)perylene	30.28	276	863172	16.08 ng/ul#	76

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

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