Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023774.D
Acq On : 19 Aug 2016 1:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 19 04:01:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 01:43:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	94760	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.93	136	417476	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.77	164	276398	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.53	188	719802	20.00	ng/ul	-0.01
75) Chrysene-d12	21.84	240	871241	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	677790	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	17111	8.20	ng/uL	0.00
5) Phenol-d5	7.25	99	183608	20.66	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	127609	20.96	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.63	132	131677	20.88	ng/ul	-0.02
13) 4-Methylphenol-d8	8.81	113	141209	20.33	ng/ul	-0.02
19) Nitrobenzene-d5	9.27	128	67821	20.11	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.01	143	80653	20.97	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.55	165	141936	20.42	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.07	131	186767	21.95	ng/ul	-0.02
43) Dimethylphthalate-d6	14.16	166	495746	21.64	ng/ul	-0.01
46) Acenaphthylene-d8	14.46	160	551818	21.27	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.99	143	78057	21.08	ng/ul	-0.01
57) Fluorene-d10	15.76	176	428982	21.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.90	200	93401	20.47	ng/ul	-0.01
70) Anthracene-d10	17.63	188	681919	20.55	ng/ul	-0.01
76) Pyrene-d10	19.92	212	854185	20.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	638739	20.58	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	18514	8.46	ng/uL#	86
4) Benzaldehyde	7.23	77	126522	22.07	ng/ul#	83
6) Phenol	7.28	94	193609	21.27	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.50	93	150182	21.62	ng/ul	87
10) 2-Chlorophenol	7.66	128	132034	20.53	ng/ul#	79
11) 2-Methylphenol	8.54	108	143810	20.77	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.62	45	212560	21.41	ng/ul	97
14) Acetophenone	8.92	105	228968	20.27	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.90	70	147894	21.14	ng/ul#	86
16) 4-Methylphenol	8.88	108	156486	20.78	ng/ul	89
17) Hexachloroethane	9.18	117	57970	20.42	ng/ul#	81
20) Nitrobenzene	9.32	77	204537	20.72	ng/ul#	80
21) Isophorone	9.84	82	385312	21.09	ng/ul#	92
23) 2-Nitrophenol	10.03	139	82728	19.97	ng/ul#	47
24) 2,4-Dimethylphenol	10.09	107	182838	20.45	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.32	93	204168	19.88	ng/ul	96
27) 2,4-Dichlorophenol	10.58	162	142675	20.56	ng/ul	96
28) Naphthalene	10.98	128	436944	20.46	ng/ul	97
30) 4-Chloroaniline	11.09	127	184989	22.17	ng/ul	95
31) Hexachlorobutadiene	11.26	225	100651	20.16	ng/ul	95
32) Caprolactam	11.86	113	56067m	20.74	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	179451	20.92	ng/ul#	76
34) 2-Methylnaphthalene	12.59	142	341728	21.01	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	187290	20.40	ng/ul	98
37) Hexachlorocyclopentadiene	12.92	237	61263	15.28	ng/ul	99
38) 2,4,6-Trichlorophenol	13.20	196	123000	20.37	ng/ul	96
39) 2,4,5-Trichlorophenol	13.28	196	126813	20.31	ng/ul	96
40) 1,1'-Biphenyl	13.59	154	447096	20.68	ng/ul	98
41) 2-Chloronaphthalene	13.64	162	341521	20.78	ng/ul	96
42) 2-Nitroaniline	13.85	65	147092	21.58	ng/ul#	62
44) Dimethylphthalate	14.21	163	490711	21.42	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	101907	20.83	ng/ul#	80
47) Acenaphthylene	14.49	152	577413	21.36	ng/ul	98
48) 3-Nitroaniline	14.68	138	102545	22.25	ng/ul#	58
49) Acenaphthene	14.83	153	377628	20.86	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	45609	17.57	ng/ul#	83
52) 4-Nitrophenol	15.00	109	74278	19.97	ng/ul#	75
53) Dibenzofuran	15.17	168	558003	21.20	ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	159818	22.36	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.40	232	124151	21.56	ng/ul	99
56) Diethylphthalate	15.57	149	525837	22.47	ng/ul	97
58) Fluorene	15.82	166	466765	21.89	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.80	204	231707	21.51	ng/ul	95
60) 4-Nitroaniline	15.85	138	115382m	22.55	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	99239	20.83	ng/ul#	81
64) N-Nitrosodiphenylamine	16.02	169	426945	20.03	ng/ul	97
65) 4-Bromophenyl-phenylether	16.71	248	166519	20.09	ng/ul	99
66) Hexachlorobenzene	16.83	284	179971	20.15	ng/ul	97
67) Atrazine	16.97	200	192748	22.08	ng/ul	96
68) Pentachlorophenol	17.19	266	72549	18.75	ng/ul	91
69) Phenanthrene	17.57	178	797464	20.93	ng/ul	99
71) Anthracene	17.67	178	822471	20.99	ng/ul	97
72) Carbazole	17.94	167	757199	23.68	ng/ul	99
73) Di-n-butylphthalate	18.48	149	982375	22.71	ng/ul#	94
74) Fluoranthene	19.59	202	1051309	25.90	ng/ul#	91
77) Pyrene	19.95	202	1070895	20.80	ng/ul#	92
78) Butylbenzylphthalate	20.82	149	473377	20.33	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.73	252	346855	20.03	ng/ul#	97
80) Benzo(a)anthracene	21.82	228	1046734	20.78	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	554629	17.70	ng/ul	97
82) Chrysene	21.90	228	936782	20.67	ng/ul	99
84) Di-n-octyl phthalate	22.96	149	869067	22.31	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	833561	21.15	ng/ul#	94
86) Benzo(k)fluoranthene	24.21	252	808237	21.23	ng/ul#	92
88) Benzo(a)pyrene	25.06	252	783952	20.73	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.10	276	910219	20.47	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.14	278	778328	20.41	ng/ul#	89
91) Benzo(g,h,i)perylene	30.31	276	758740	20.63	ng/ul#	89

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

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