Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023680.D
Acq On : 13 Aug 2016 7:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02032

Quant Time: Aug 13 07:35:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	163463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	748732	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	500764	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1167352	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1140781	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1144980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	27644	7.19	ng/uL	0.00
5) Phenol-d5	7.26	99	327941	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	212120	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	230231	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	260118	20.23	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	125250	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	146834	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	265013	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	339094	22.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	837228	20.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	985184	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	140458	20.07	ng/ul	0.00
57) Fluorene-d10	15.78	176	752764	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	141596	18.91	ng/ul	0.00
70) Anthracene-d10	17.66	188	1126136	21.41	ng/ul	0.00
76) Pyrene-d10	19.94	212	1163392	20.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	1087060	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	27861	6.91	ng/uL#	74
4) Benzaldehyde	7.24	77	231625	23.08	ng/ul	87
6) Phenol	7.29	94	339022m	19.77	ng/ul	
8) Bis(2-Chloroethyl)ether	7.52	93	253007	20.32	ng/ul#	87
10) 2-Chlorophenol	7.67	128	237777	20.78	ng/ul#	88
11) 2-Methylphenol	8.56	108	256823	19.89	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.64	45	360280	21.15	ng/ul	98
14) Acetophenone	8.94	105	411089	19.94	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.92	70	250695	20.21	ng/ul#	86
16) 4-Methylphenol	8.89	108	282114	19.49	ng/ul	99
17) Hexachloroethane	9.20	117	98745	20.00	ng/ul#	86
20) Nitrobenzene	9.33	77	357172	20.65	ng/ul#	87
21) Isophorone	9.85	82	662711	20.83	ng/ul#	93
23) 2-Nitrophenol	10.05	139	154961	21.17	ng/ul#	59
24) 2,4-Dimethylphenol	10.11	107	329114	20.50	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	365881	19.93	ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	265346	20.58	ng/ul	98
28) Naphthalene	11.00	128	778085	20.47	ng/ul	99
30) 4-Chloroaniline	11.11	127	333875	22.43	ng/ul	97
31) Hexachlorobutadiene	11.28	225	175236	20.41	ng/ul	97
32) Caprolactam	11.88	113	102921m	19.22	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	329049	19.83	ng/ul	85
34) 2-Methylnaphthalene	12.61	142	614160	19.93	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	341495	22.21 ng/ul	98
37) Hexachlorocyclopentadiene	12.94	237	123018	14.47 ng/ul	93
38) 2,4,6-Trichlorophenol	13.22	196	233739	21.95 ng/ul	96
39) 2,4,5-Trichlorophenol	13.30	196	237867	20.84 ng/ul	97
40) 1,1'-Biphenyl	13.61	154	794694	21.60 ng/ul	96
41) 2-Chloronaphthalene	13.66	162	615489	21.51 ng/ul	98
42) 2-Nitroaniline	13.87	65	260958	22.34 ng/ul#	63
44) Dimethylphthalate	14.23	163	813198	20.03 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	185725	21.10 ng/ul#	85
47) Acenaphthylene	14.51	152	1014076	21.01 ng/ul	99
48) 3-Nitroaniline	14.69	138	192867	23.31 ng/ul#	61
49) Acenaphthene	14.85	153	684743	20.82 ng/ul	96
50) 2,4-Dinitrophenol	14.91	184	84653	15.59 ng/ul#	80
52) 4-Nitrophenol	15.02	109	137595	19.63 ng/ul#	71
53) Dibenzofuran	15.19	168	997846	20.48 ng/ul#	87
54) 2,4-Dinitrotoluene	15.16	165	272034	20.40 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.42	232	232675	19.84 ng/ul	98
56) Diethylphthalate	15.59	149	836307	19.71 ng/ul	94
58) Fluorene	15.84	166	807842	19.90 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	405428	19.86 ng/ul	97
60) 4-Nitroaniline	15.87	138	202211m	21.07 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.93	198	155765	19.81 ng/ul#	87
64) N-Nitrosodiphenylamine	16.04	169	728366	22.33 ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	289692	21.64 ng/ul	95
66) Hexachlorobenzene	16.85	284	303731	21.30 ng/ul	97
67) Atrazine	16.99	200	300253	22.28 ng/ul	98
68) Pentachlorophenol	17.20	266	154749	19.67 ng/ul	90
69) Phenanthrene	17.60	178	1274037	21.07 ng/ul	96
71) Anthracene	17.68	178	1317921	21.37 ng/ul	97
72) Carbazole	17.96	167	1125614	22.64 ng/ul	98
73) Di-n-butylphthalate	18.50	149	1393030	22.37 ng/ul#	94
74) Fluoranthene	19.61	202	1422132	22.98 ng/ul	95
77) Pyrene	19.98	202	1406099	19.94 ng/ul#	92
78) Butylbenzylphthalate	20.85	149	623917m	23.07 ng/ul	
79) 3,3'-Dichlorobenzidine	21.76	252	508577	25.30 ng/ul#	96
80) Benzo(a)anthracene	21.86	228	1367562	21.29 ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	865594	24.07 ng/ul#	97
82) Chrysene	21.93	228	1235042	21.14 ng/ul	94
84) Di-n-octyl phthalate	23.00	149	1466882	25.37 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	1347986	20.70 ng/ul#	94
86) Benzo(k)fluoranthene	24.26	252	1317991	20.56 ng/ul#	92
88) Benzo(a)pyrene	25.12	252	1314263	20.90 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.18	276	1560595m	21.12 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	1312804	20.83 ng/ul#	91
91) Benzo(g,h,i)perylene	30.41	276	1236021	20.18 ng/ul#	87

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

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