Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022788.D
Acq On : 2 Jul 2016 11:08
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Manual Integrations APPROVED
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7/4/2016 1:32:55 PM

Quant Time: Jul 04 08:41:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	104198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	455101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	375712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	938109	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1041915	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1086410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	18928	10.15	ng/uL	0.00
5) Phenol-d5	7.31	99	211058	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	123906m	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	142624	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	158980	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	73073	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	86053	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	188159	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	167046m	21.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	617945	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	706945	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	98893	20.64	ng/ul	0.00
57) Fluorene-d10	15.79	176	598873	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	113472	18.81	ng/ul	0.00
70) Anthracene-d10	17.65	188	892463	20.47	ng/ul	0.00
76) Pyrene-d10	19.94	212	1054037	21.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1030540	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17972	8.22	ng/uL#	65
4) Benzaldehyde	7.29	77	147418	21.15	ng/ul#	85
6) Phenol	7.33	94	218454	19.46	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.57	93	153639	20.01	ng/ul	92
10) 2-Chlorophenol	7.72	128	140929	18.93	ng/ul#	84
11) 2-Methylphenol	8.60	108	156092	18.51	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.69	45	169180	19.60	ng/ul#	94
14) Acetophenone	8.98	105	268233	19.51	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.96	70	160289	19.40	ng/ul#	83
16) 4-Methylphenol	8.93	108	176935	18.87	ng/ul	93
17) Hexachloroethane	9.25	117	61701	19.46	ng/ul#	63
20) Nitrobenzene	9.37	77	229377	20.55	ng/ul#	79
21) Isophorone	9.89	82	415284	20.86	ng/ul#	90
23) 2-Nitrophenol	10.09	139	92619	19.94	ng/ul#	55
24) 2,4-Dimethylphenol	10.14	107	218007	19.61	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.38	93	228085	19.42	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	177668	19.31	ng/ul#	91
28) Naphthalene	11.03	128	464932	19.98	ng/ul	99
30) 4-Chloroaniline	11.14	127	176412	22.29	ng/ul	94
31) Hexachlorobutadiene	11.32	225	142815	20.15	ng/ul	94
32) Caprolactam	11.89	113	67121m	21.86	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	237584	20.42	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	393422	20.43	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	281381	20.04	ng/ul#	97
37) Hexachlorocyclopentadiene	12.97	237	148009	17.45	ng/ul	95
38) 2,4,6-Trichlorophenol	13.23	196	188873	19.50	ng/ul	89
39) 2,4,5-Trichlorophenol	13.31	196	209209	20.52	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	556460	19.48	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	457516	19.78	ng/ul	97
42) 2-Nitroaniline	13.88	65	179015	20.01	ng/ul#	61
44) Dimethylphthalate	14.24	163	628501	20.17	ng/ul#	99
45) 2,6-Dinitrotoluene	14.37	165	137992	20.45	ng/ul#	79
47) Acenaphthylene	14.52	152	714987	20.30	ng/ul	99
48) 3-Nitroaniline	14.70	138	116243	22.05	ng/ul#	55
49) Acenaphthene	14.87	153	475728	19.88	ng/ul	95
50) 2,4-Dinitrophenol	14.91	184	66403	17.71	ng/ul#	74
52) 4-Nitrophenol	15.01	109	119004	19.53	ng/ul#	59
53) Dibenzofuran	15.20	168	751806	20.34	ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	199880	20.49	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.42	232	212081	20.44	ng/ul	93
56) Diethylphthalate	15.60	149	658984	20.81	ng/ul	96
58) Fluorene	15.85	166	610939	20.57	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	346880	19.50	ng/ul	97
60) 4-Nitroaniline	15.86	138	135141	21.34	ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	15.92	198	119522	18.69	ng/ul#	87
64) N-Nitrosodiphenylamine	16.05	169	561676	20.33	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	252993	20.16	ng/ul	96
66) Hexachlorobenzene	16.85	284	271725	20.45	ng/ul	93
67) Atrazine	16.99	200	246042	21.36	ng/ul	96
68) Pentachlorophenol	17.20	266	155096	20.31	ng/ul	90
69) Phenanthrene	17.60	178	992704	20.69	ng/ul	97
71) Anthracene	17.69	178	1037299	21.04	ng/ul	98
72) Carbazole	17.96	167	818618	22.43	ng/ul	98
73) Di-n-butylphthalate	18.50	149	998978	21.33	ng/ul#	96
74) Fluoranthene	19.60	202	1210201	24.21	ng/ul#	85
77) Pyrene	19.97	202	1224858	21.00	ng/ul#	82
78) Butylbenzylphthalate	20.83	149	479815	21.21	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.74	252	476232	24.14	ng/ul#	94
80) Benzo(a)anthracene	21.83	228	1300468	21.28	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	667985	22.88	ng/ul#	97
82) Chrysene	21.90	228	1151199	20.69	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1120326	23.40	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1339237m	19.73	ng/ul	
86) Benzo(k)fluoranthene	24.22	252	1293127m	20.28	ng/ul	
88) Benzo(a)pyrene	25.07	252	1291528m	20.02	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.08	276	1443290m	21.16	ng/ul	
90) Dibenzo(a,h)anthracene	29.15	278	1204516	21.36	ng/ul#	86
91) Benzo(g,h,i)perylene	30.29	276	1196659	22.38	ng/ul#	80

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

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