Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022756.D
Acq On : 1 Jul 2016 10:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Manual Integrations
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7/4/2016 1:30:04 PM

Quant Time: Jul 02 00:06:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:12:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	462112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	354548	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	934123	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1054024	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1088844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	16461	8.92	ng/uL	0.00
5) Phenol-d5	7.31	99	195896	18.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	118960	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	132063	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	142628	16.92	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	66367	18.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	77255	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	156758	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	149044	18.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	545331	18.93	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	631763	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	84211	18.62	ng/ul	0.00
57) Fluorene-d10	15.79	176	527249	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	93112	15.50	ng/ul	0.00
70) Anthracene-d10	17.65	188	794319	18.29	ng/ul	0.00
76) Pyrene-d10	19.93	212	951265	18.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	926202	17.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	16473	7.61	ng/uL#	64
4) Benzaldehyde	7.29	77	136410	19.77	ng/ul#	83
6) Phenol	7.34	94	198494	17.86	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.57	93	146468	19.27	ng/ul	93
10) 2-Chlorophenol	7.72	128	126395	17.14	ng/ul#	82
11) 2-Methylphenol	8.60	108	149295	17.88	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	160656	18.80	ng/ul#	91
14) Acetophenone	8.98	105	245587	18.04	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.96	70	141893	17.34	ng/ul#	85
16) 4-Methylphenol	8.93	108	164291	17.70	ng/ul	94
17) Hexachloroethane	9.25	117	60736	19.34	ng/ul#	68
20) Nitrobenzene	9.38	77	210060	18.54	ng/ul#	81
21) Isophorone	9.89	82	363974	18.01	ng/ul#	89
23) 2-Nitrophenol	10.09	139	83888	17.78	ng/ul#	42
24) 2,4-Dimethylphenol	10.14	107	203204	18.00	ng/ul	83
25) Bis(2-Chloroethoxy)methane	10.38	93	212727	17.84	ng/ul	94
27) 2,4-Dichlorophenol	10.63	162	165185	17.68	ng/ul#	93
28) Naphthalene	11.03	128	432254	18.29	ng/ul	99
30) 4-Chloroaniline	11.14	127	146635	18.24	ng/ul	99
31) Hexachlorobutadiene	11.32	225	132939	18.47	ng/ul	100
32) Caprolactam	11.90	113	55134m	17.69	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	200943	17.00	ng/ul	86
34) 2-Methylnaphthalene	12.63	142	350275	17.92	ng/ul	91

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	252353	19.04	ng/ul#	95
37) Hexachlorocyclopentadiene	12.97	237	141733	17.71	ng/ul	97
38) 2,4,6-Trichlorophenol	13.23	196	162151	17.74	ng/ul	96
39) 2,4,5-Trichlorophenol	13.31	196	173540	18.04	ng/ul	95
40) 1,1'-Biphenyl	13.63	154	496148	18.40	ng/ul	96
41) 2-Chloronaphthalene	13.68	162	401265	18.38	ng/ul	94
42) 2-Nitroaniline	13.88	65	154974	18.35	ng/ul#	61
44) Dimethylphthalate	14.24	163	548531	18.65	ng/ul	100
45) 2,6-Dinitrotoluene	14.37	165	119741	18.81	ng/ul#	86
47) Acenaphthylene	14.52	152	630818	18.98	ng/ul	97
48) 3-Nitroaniline	14.71	138	98683	19.83	ng/ul#	61
49) Acenaphthene	14.86	153	414402	18.35	ng/ul	92
50) 2,4-Dinitrophenol	14.90	184	49022	13.85	ng/ul#	69
52) 4-Nitrophenol	15.01	109	106059	18.44	ng/ul#	59
53) Dibenzofuran	15.19	168	668633	19.17	ng/ul	91
54) 2,4-Dinitrotoluene	15.15	165	173354	18.83	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.42	232	178656	18.24	ng/ul#	93
56) Diethylphthalate	15.60	149	572316	19.15	ng/ul	97
58) Fluorene	15.85	166	532397	18.99	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.83	204	316578	18.86	ng/ul	94
60) 4-Nitroaniline	15.86	138	117577	19.67	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.92	198	101782	15.99	ng/ul#	92
64) N-Nitrosodiphenylamine	16.05	169	488270	17.75	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	224431	17.96	ng/ul	97
66) Hexachlorobenzene	16.85	284	243190	18.38	ng/ul#	89
67) Atrazine	16.99	200	216352	18.86	ng/ul	91
68) Pentachlorophenol	17.20	266	124574	16.38	ng/ul	87
69) Phenanthrene	17.59	178	895143	18.73	ng/ul	99
71) Anthracene	17.69	178	925999	18.86	ng/ul	98
72) Carbazole	17.96	167	758072	20.86	ng/ul	98
73) Di-n-butylphthalate	18.50	149	921104	19.75	ng/ul#	96
74) Fluoranthene	19.59	202	1100906	22.12	ng/ul#	86
77) Pyrene	19.96	202	1112880	18.86	ng/ul#	84
78) Butylbenzylphthalate	20.83	149	424316	18.54	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.74	252	403231	20.20	ng/ul#	96
80) Benzo(a)anthracene	21.83	228	1179351	19.08	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	594946	20.15	ng/ul#	99
82) Chrysene	21.90	228	1082074	19.23	ng/ul	98
84) Di-n-octyl phthalate	22.97	149	1007745	21.00	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1240388m	18.23	ng/ul	
86) Benzo(k)fluoranthene	24.21	252	1184610m	18.53	ng/ul	
88) Benzo(a)pyrene	25.05	252	1167251	18.06	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.06	276	1308677	19.15	ng/ul#	81
90) Dibenzo(a,h)anthracene	29.12	278	1058810	18.74	ng/ul#	87
91) Benzo(g,h,i)perylene	30.27	276	1079189	20.14	ng/ul#	77

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

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