Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024870.D
Acq On : 21 Nov 2016 22:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
11/22/2016 4:07:51 PM

Quant Time: Nov 22 01:29:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:02:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	115417	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	524227	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	438559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	898069m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1101964	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1133595	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	17906	8.04	ng/uL	0.00
5) Phenol-d5	7.40	99	206206	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	130898	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	151550	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	184012	22.16	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	81279	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	98945	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	194014	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	227597	21.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	618935	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	741086	21.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	101705	17.87	ng/ul	0.00
57) Fluorene-d10	15.86	176	601368	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	112251	18.18	ng/ul	0.00
70) Anthracene-d10	17.72	188	851890	21.48	ng/ul	0.00
76) Pyrene-d10	19.99	212	1006715	21.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	1059512	21.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	17633	6.32	ng/uL	86
4) Benzaldehyde	7.39	77	160086	25.13	ng/ul	98
6) Phenol	7.43	94	220619	21.36	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.67	93	156516	21.29	ng/ul	91
10) 2-Chlorophenol	7.82	128	148301	21.62	ng/ul	89
11) 2-Methylphenol	8.69	108	161599	21.36	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.78	45	278016	22.27	ng/ul	97
14) Acetophenone	9.08	105	265421	21.23	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.06	70	149207	21.00	ng/ul	88
16) 4-Methylphenol	9.02	108	178309	21.78	ng/ul	90
17) Hexachloroethane	9.35	117	68027	21.67	ng/ul	93
20) Nitrobenzene	9.48	77	240830	20.44	ng/ul#	95
21) Isophorone	9.99	82	430661	19.59	ng/ul	97
23) 2-Nitrophenol	10.19	139	97046	20.27	ng/ul#	82
24) 2,4-Dimethylphenol	10.23	107	231472	20.36	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.47	93	229675	19.90	ng/ul#	95
27) 2,4-Dichlorophenol	10.72	162	187878	20.79	ng/ul	94
28) Naphthalene	11.14	128	520906	20.72	ng/ul	98
30) 4-Chloroaniline	11.25	127	229427	22.57	ng/ul	91
31) Hexachlorobutadiene	11.40	225	159759	20.13	ng/ul#	81
32) Caprolactam	12.00	113	68145	19.13	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.34	107	225532	20.61	ng/ul	91
34) 2-Methylnaphthalene	12.73	142	429550	21.71	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	302794	21.28	ng/ul	93
37) Hexachlorocyclopentadiene	13.05	237	176698	19.27	ng/ul	97
38) 2,4,6-Trichlorophenol	13.32	196	184700m	21.34	ng/ul	
39) 2,4,5-Trichlorophenol	13.39	196	193921	20.62	ng/ul	99
40) 1,1'-Biphenyl	13.71	154	607823	21.54	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	478770	21.83	ng/ul	96
42) 2-Nitroaniline	13.97	65	182920	21.03	ng/ul	98
44) Dimethylphthalate	14.32	163	602153	19.63	ng/ul	98
45) 2,6-Dinitrotoluene	14.45	165	133814	20.75	ng/ul#	94
47) Acenaphthylene	14.61	152	706817	20.95	ng/ul	98
48) 3-Nitroaniline	14.78	138	119051	19.98	ng/ul#	91
49) Acenaphthene	14.94	153	487554	20.42	ng/ul	97
50) 2,4-Dinitrophenol	14.99	184	64125	13.90	ng/ul	91
52) 4-Nitrophenol	15.08	109	114211	16.76	ng/ul	89
53) Dibenzofuran	15.28	168	746921	20.45	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	190447	19.53	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.49	232	193105	19.73	ng/ul	94
56) Diethylphthalate	15.67	149	614168	18.84	ng/ul	97
58) Fluorene	15.92	166	589374	19.87	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.90	204	332888	19.85	ng/ul	88
60) 4-Nitroaniline	15.94	138	126428	18.65	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.99	198	109685m	17.52	ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	534097	22.01	ng/ul	97
65) 4-Bromophenyl-phenylether	16.80	248	247953	22.70	ng/ul	94
66) Hexachlorobenzene	16.92	284	267953	22.17	ng/ul	95
67) Atrazine	17.06	200	232390m	20.43	ng/ul	
68) Pentachlorophenol	17.26	266	138391	19.40	ng/ul	94
69) Phenanthrene	17.66	178	964527m	21.54	ng/ul	
71) Anthracene	17.76	178	964590	20.83	ng/ul	99
72) Carbazole	18.03	167	822557	21.65	ng/ul	99
73) Di-n-butylphthalate	18.55	149	989689	20.68	ng/ul	98
74) Fluoranthene	19.66	202	1158584	22.28	ng/ul	98
77) Pyrene	20.02	202	1158888	21.40	ng/ul#	95
78) Butylbenzylphthalate	20.88	149	466379	21.04	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.80	252	475620	22.44	ng/ul	96
80) Benzo(a)anthracene	21.90	228	1262351	21.05	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	648832	21.39	ng/ul	99
82) Chrysene	21.97	228	1189153	21.15	ng/ul	99
84) Di-n-octyl phthalate	23.03	149	1122351	23.39	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1222780	20.48	ng/ul	98
86) Benzo(k)fluoranthene	24.32	252	1232796	21.73	ng/ul	99
88) Benzo(a)pyrene	25.19	252	1232279	21.32	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.29	276	1490587	20.63	ng/ul	99
90) Dibenzo(a,h)anthracene	29.37	278	1255944	20.86	ng/ul#	95
91) Benzo(g,h,i)perylene	30.55	276	1137809	19.12	ng/ul	98

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

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