Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025353.D
Acq On : 20 Dec 2016 14:07
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
sohil
12/20/2016 6:30:03 PM

Quant Time: Dec 20 15:51:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	106790	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	451431	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	376597	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	859715	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1021438	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1068153	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	13282	6.42	ng/uL	0.00
5) Phenol-d5	7.38	99	182682	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	114147	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	130166	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	151059	19.62	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	65024	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	78715	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	162846	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	180957	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	521156	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	593065	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	79597	17.88	ng/ul	0.00
57) Fluorene-d10	15.83	176	507044	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	106979	20.13	ng/ul	0.00
70) Anthracene-d10	17.70	188	767173	21.14	ng/ul	0.00
76) Pyrene-d10	19.97	212	896930	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	934126	21.58	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	16561	6.15	ng/uL	98
4) Benzaldehyde	7.36	77	135076	19.48	ng/ul	92
6) Phenol	7.41	94	198226	20.96	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.63	93	133586	19.31	ng/ul	96
10) 2-Chlorophenol	7.79	128	132493	20.46	ng/ul#	84
11) 2-Methylphenol	8.67	108	140082	20.12	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.75	45	243393	20.68	ng/ul#	97
14) Acetophenone	9.06	105	229257	19.57	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.03	70	135316	20.00	ng/ul#	87
16) 4-Methylphenol	9.00	108	149744	19.33	ng/ul	94
17) Hexachloroethane	9.31	117	61428	21.41	ng/ul	88
20) Nitrobenzene	9.45	77	206789	21.05	ng/ul	99
21) Isophorone	9.96	82	376844	20.27	ng/ul	97
23) 2-Nitrophenol	10.17	139	83410	20.63	ng/ul#	86
24) 2,4-Dimethylphenol	10.21	107	191043	20.67	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.44	93	190298	20.09	ng/ul	94
27) 2,4-Dichlorophenol	10.70	162	157412	21.15	ng/ul	97
28) Naphthalene	11.10	128	429623	20.47	ng/ul	97
30) 4-Chloroaniline	11.22	127	181847	23.62	ng/ul	93
31) Hexachlorobutadiene	11.36	225	135762	21.22	ng/ul	95
32) Caprolactam	11.99	113	59939m	19.40	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	189364	20.65	ng/ul	91
34) 2-Methylnaphthalene	12.69	142	342820	20.70	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.05	216	249347	21.97	ng/ul	95
37) Hexachlorocyclopentadiene	13.01	237	83995	12.61	ng/ul	91
38) 2,4,6-Trichlorophenol	13.30	196	147543	20.69	ng/ul	87
39) 2,4,5-Trichlorophenol	13.38	196	161206	20.63	ng/ul	98
40) 1,1'-Biphenyl	13.68	154	479441	21.00	ng/ul	98
41) 2-Chloronaphthalene	13.74	162	381065	20.97	ng/ul	96
42) 2-Nitroaniline	13.95	65	161402	22.69	ng/ul	96
44) Dimethylphthalate	14.29	163	505304	19.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.43	165	116053	21.21	ng/ul#	91
47) Acenaphthylene	14.58	152	579474	21.01	ng/ul	97
48) 3-Nitroaniline	14.78	138	106262	22.43	ng/ul#	94
49) Acenaphthene	14.91	153	405294	21.45	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	57074	16.06	ng/ul	88
52) 4-Nitrophenol	15.09	109	97297	18.17	ng/ul	95
53) Dibenzofuran	15.25	168	629690	21.07	ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	168775	20.47	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.48	232	165010	19.98	ng/ul	95
56) Diethylphthalate	15.63	149	543819	20.17	ng/ul	99
58) Fluorene	15.89	166	509609	20.94	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.87	204	282374	20.61	ng/ul	91
60) 4-Nitroaniline	15.93	138	105664	18.49	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.99	198	113073	20.54	ng/ul#	97
64) N-Nitrosodiphenylamine	16.09	169	469491	21.23	ng/ul	98
65) 4-Bromophenyl-phenylether	16.77	248	204544	21.06	ng/ul	94
66) Hexachlorobenzene	16.90	284	246682	22.56	ng/ul#	91
67) Atrazine	17.03	200	223936	21.30	ng/ul#	94
68) Pentachlorophenol	17.25	266	119783	18.24	ng/ul	92
69) Phenanthrene	17.64	178	868386	21.16	ng/ul	99
71) Anthracene	17.73	178	902397	21.39	ng/ul	99
72) Carbazole	18.00	167	749877	21.31	ng/ul	98
73) Di-n-butylphthalate	18.51	149	926983	20.86	ng/ul	99
74) Fluoranthene	19.64	202	1045964	21.45	ng/ul	97
77) Pyrene	20.00	202	1048938	21.36	ng/ul	96
78) Butylbenzylphthalate	20.85	149	406246	21.13	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.77	252	418819	23.52	ng/ul	96
80) Benzo(a)anthracene	21.87	228	1138224	21.45	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.71	149	585379	22.12	ng/ul	100
82) Chrysene	21.94	228	1058809	21.33	ng/ul	99
84) Di-n-octyl phthalate	22.97	149	993081	22.90	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1139424	21.51	ng/ul	96
86) Benzo(k)fluoranthene	24.28	252	1077771	21.41	ng/ul	99
88) Benzo(a)pyrene	25.15	252	1090254	21.41	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.27	276	1385763m	21.89	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	1146019m	21.49	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	1152786m	21.82	ng/ul	

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

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