Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024855.D
Acq On : 21 Nov 2016 12:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
sohil
11/22/2016 4:07:12 PM

Quant Time: Nov 21 16:22:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 21 04:36:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	120697	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	522117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	427238	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	874517m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1058088	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1098074	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	18697	8.03	ng/uL	0.00
5) Phenol-d5	7.40	99	218618	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	145551	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	158800	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	185219	21.33	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	82317	20.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	96812	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	192099	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	226526	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	601312	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	700252	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	99352	17.92	ng/ul	0.01
57) Fluorene-d10	15.86	176	576311	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	107817	17.93	ng/ul	0.00
70) Anthracene-d10	17.72	188	829125	21.47	ng/ul	0.00
76) Pyrene-d10	19.99	212	980827	21.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	1006793	20.94	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	20680	7.08	ng/uL	92
4) Benzaldehyde	7.39	77	171241	25.71	ng/ul	97
6) Phenol	7.43	94	227660	21.08	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.67	93	163157	21.22	ng/ul	92
10) 2-Chlorophenol	7.82	128	159937	22.30	ng/ul#	81
11) 2-Methylphenol	8.70	108	165786	20.95	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.78	45	280211	21.47	ng/ul	96
14) Acetophenone	9.09	105	279728	21.39	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.06	70	159233	21.43	ng/ul#	85
16) 4-Methylphenol	9.02	108	183507	21.44	ng/ul	95
17) Hexachloroethane	9.35	117	68951	21.00	ng/ul	88
20) Nitrobenzene	9.48	77	241539	20.58	ng/ul	99
21) Isophorone	9.99	82	428096	19.56	ng/ul	100
23) 2-Nitrophenol	10.19	139	106588	22.35	ng/ul#	83
24) 2,4-Dimethylphenol	10.24	107	234157	20.68	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	237345	20.65	ng/ul	94
27) 2,4-Dichlorophenol	10.73	162	188847	20.98	ng/ul	95
28) Naphthalene	11.14	128	524470	20.94	ng/ul	98
30) 4-Chloroaniline	11.25	127	217762	21.51	ng/ul	92
31) Hexachlorobutadiene	11.40	225	161087	20.38	ng/ul#	77
32) Caprolactam	12.00	113	63285	17.83	ng/ul	89
33) 4-Chloro-3-methylphenol	12.34	107	226972	20.82	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	412014	20.91	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	295042	21.28	ng/ul	97
37) Hexachlorocyclopentadiene	13.06	237	183736	20.57	ng/ul	98
38) 2,4,6-Trichlorophenol	13.32	196	179571	21.30	ng/ul	87
39) 2,4,5-Trichlorophenol	13.39	196	188716	20.59	ng/ul	95
40) 1,1'-Biphenyl	13.71	154	566313	20.60	ng/ul	99
41) 2-Chloronaphthalene	13.77	162	448514	20.99	ng/ul	97
42) 2-Nitroaniline	13.97	65	169808	20.04	ng/ul	98
44) Dimethylphthalate	14.32	163	593162	19.85	ng/ul	97
45) 2,6-Dinitrotoluene	14.45	165	123751	19.70	ng/ul#	90
47) Acenaphthylene	14.61	152	681032	20.72	ng/ul	98
48) 3-Nitroaniline	14.78	138	117324	20.21	ng/ul#	96
49) Acenaphthene	14.95	153	466860	20.07	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	60463	13.45	ng/ul	94
52) 4-Nitrophenol	15.08	109	116423	17.54	ng/ul	93
53) Dibenzofuran	15.28	168	734751	20.65	ng/ul	95
54) 2,4-Dinitrotoluene	15.24	165	182336	19.19	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.49	232	187583	19.67	ng/ul	94
56) Diethylphthalate	15.67	149	593401	18.69	ng/ul	97
58) Fluorene	15.92	166	570641	19.75	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.91	204	318109	19.47	ng/ul	89
60) 4-Nitroaniline	15.94	138	129774	19.65	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.99	198	103300m	16.94	ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	532728	22.55	ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	235457	22.14	ng/ul	97
66) Hexachlorobenzene	16.92	284	259520	22.05	ng/ul	97
67) Atrazine	17.06	200	228503	20.63	ng/ul	97
68) Pentachlorophenol	17.27	266	131780	18.97	ng/ul	99
69) Phenanthrene	17.67	178	929778m	21.33	ng/ul	
71) Anthracene	17.76	178	957846	21.24	ng/ul	96
72) Carbazole	18.03	167	804489	21.75	ng/ul	97
73) Di-n-butylphthalate	18.55	149	965108	20.71	ng/ul	98
74) Fluoranthene	19.66	202	1108350	21.89	ng/ul	98
77) Pyrene	20.02	202	1138792	21.90	ng/ul	98
78) Butylbenzylphthalate	20.88	149	437329	20.54	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.80	252	450095	22.12	ng/ul#	97
80) Benzo(a)anthracene	21.90	228	1202640	20.89	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	606026	20.81	ng/ul	99
82) Chrysene	21.97	228	1132610	20.98	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	1077348	23.18	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1228012	21.23	ng/ul	98
86) Benzo(k)fluoranthene	24.33	252	1158003m	21.07	ng/ul	
88) Benzo(a)pyrene	25.20	252	1176094	21.01	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.31	276	1439195	20.56	ng/ul	99
90) Dibenzo(a,h)anthracene	29.37	278	1197941	20.54	ng/ul	100
91) Benzo(g,h,i)perylene	30.56	276	1156306	20.06	ng/ul	95

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

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