Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020812.D
Acq On : 9 Feb 2016 11:34
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
2/10/2016 1:46:47 PM

Quant Time: Feb 10 00:15:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 05:03:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	17810	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	92553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	57759	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	133935	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	124782	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	115414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2914	7.94	ng/uL	0.00
5) Phenol-d5	7.40	99	34343	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	18665	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	27833	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	30006	19.13	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14310	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	14563	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	27550	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	41476	21.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	99459	20.01	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	121284	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	19903	20.00	ng/ul	0.00
58) Fluorene-d10	15.87	176	85507	20.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	11276	17.37	ng/ul	0.00
71) Anthracene-d10	17.72	188	130135	19.66	ng/ul	0.00
79) Pyrene-d10	19.99	212	124943	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	125252	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3443	7.75	ng/uL#	95
4) Benzaldehyde	7.40	77	22224	22.28	ng/ul	97
6) Phenol	7.43	94	36224	18.97	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.68	93	28761	19.65	ng/ul	96
10) 2-Chlorophenol	7.83	128	28815	19.86	ng/ul	98
11) 2-Methylphenol	8.70	108	28466	18.84	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.80	45	29885	19.67	ng/ul	98
14) Acetophenone	9.09	105	46786	19.73	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.08	70	23940	19.96	ng/ul	94
16) 4-Methylphenol	9.03	108	32309	19.27	ng/ul	96
17) Hexachloroethane	9.37	117	10563	19.52	ng/ul	91
20) Nitrobenzene	9.48	77	30595	19.64	ng/ul	97
21) Isophorone	10.01	82	68596	19.70	ng/ul	99
23) 2-Nitrophenol	10.20	139	16601	19.19	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	33989	19.64	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	43396	19.63	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	28916	19.39	ng/ul	98
28) Naphthalene	11.15	128	101816	19.81	ng/ul	99
30) 4-Chloroaniline	11.24	127	45692	22.83	ng/ul	97
31) Hexachlorobutadiene	11.43	225	14221	20.00	ng/ul	96
32) Caprolactam	12.00	113	12532	20.72	ng/ul	98
33) 4-Chloro-3-methylphenol	12.34	107	34805	19.97	ng/ul	96
34) 2-Methylnaphthalene	12.73	142	76624	19.70	ng/ul	98

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35) 1-Methylnaphthalene	12.95	142	72675	19.72 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	32638	19.82 ng/ul	99
38) Hexachlorocyclopentadiene	13.07	237	16386	18.24 ng/ul	98
39) 2,4,6-Trichlorophenol	13.32	196	23372	19.62 ng/ul	99
40) 2,4,5-Trichlorophenol	13.39	196	25778	19.56 ng/ul	99
41) 1,1'-Biphenyl	13.72	154	101217	19.80 ng/ul	98
42) 2-Chloronaphthalene	13.77	162	74078	19.65 ng/ul	99
43) 2-Nitroaniline	13.96	65	20538	20.04 ng/ul	97
45) Dimethylphthalate	14.33	163	104123	20.12 ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	20713	20.37 ng/ul	98
48) Acenaphthylene	14.61	152	132368	19.87 ng/ul	98
49) 3-Nitroaniline	14.78	138	24854	21.68 ng/ul	97
50) Acenaphthene	14.95	153	92045	19.78 ng/ul	98
51) 2,4-Dinitrophenol	14.98	184	6518	16.36 ng/ul#	77
53) 4-Nitrophenol	15.07	109	11307	19.94 ng/ul	91
54) Dibenzofuran	15.28	168	120868	20.00 ng/ul	99
55) 2,4-Dinitrotoluene	15.23	165	29239	20.73 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.50	232	22740	19.91 ng/ul	97
57) Diethylphthalate	15.68	149	111669	20.48 ng/ul	100
59) Fluorene	15.93	166	106012	20.17 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	44655	19.89 ng/ul	99
61) 4-Nitroaniline	15.93	138	27582	21.25 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	12596	17.25 ng/ul	97
65) N-Nitrosodiphenylamine	16.12	169	88478	19.24 ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	27711	19.26 ng/ul	95
67) Hexachlorobenzene	16.93	284	30236	19.08 ng/ul	96
68) Atrazine	17.06	200	28646	19.24 ng/ul	97
69) Pentachlorophenol	17.27	266	17143	18.39 ng/ul	96
70) Phenanthrene	17.67	178	165806	19.64 ng/ul	100
72) Anthracene	17.75	178	166024	19.54 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	31301	18.84 ng/uL	98
74) Pentachlorobenzene	15.20	250	31972	18.92 ng/uL	98
75) Carbazole	18.02	167	148364	19.88 ng/ul	99
76) Di-n-butylphthalate	18.56	149	187789	19.56 ng/ul	100
77) Fluoranthene	19.66	202	171859	19.68 ng/ul	98
80) Pyrene	20.02	202	176483	19.58 ng/ul	100
81) Butylbenzylphthalate	20.88	149	81107	19.39 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.79	252	54617	20.33 ng/ul	99
83) Benzo(a)anthracene	21.88	228	159742	19.63 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	122312	19.29 ng/ul	98
85) Chrysene	21.95	228	146352	19.53 ng/ul	99
87) Di-n-octyl phthalate	23.05	149	202632	19.48 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	151920	19.33 ng/ul	99
89) Benzo(k)fluoranthene	24.28	252	148031	19.72 ng/ul	99
91) Benzo(a)pyrene	25.13	252	145206	19.52 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.17	276	166239	19.38 ng/ul	99
93) Dibenzo(a,h)anthracene	29.25	278	137687m	19.59 ng/ul	
94) Benzo(g,h,i)perylene	30.39	276	135932m	19.38 ng/ul	

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

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