Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011317\
Data File : BG025519.D
Acq On : 13 Jan 2017 20:18
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
Sohil
1/16/2017 8:30:04 AM

Quant Time: Jan 16 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 15 23:58:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	62095	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	263160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	213558	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	503077	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	725763	20.00	ng/ul	0.00
85) Perylene-d12	25.25	264	753353	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	9431m	8.24	ng/uL	0.00
5) Phenol-d5	7.36	99	98380	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	66817	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	69762	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	81165	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	35732	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	43140	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	81330	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	98993	21.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	290849	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	327922	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	35990	17.63	ng/ul	0.00
57) Fluorene-d10	15.81	176	268196	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	61430	19.20	ng/ul	0.00
70) Anthracene-d10	17.67	188	436662	20.46	ng/ul	0.00
78) Pyrene-d10	19.95	212	576668	20.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.02	264	642885	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	11201	7.83	ng/uL#	66
4) Benzaldehyde	7.34	77	82672	24.44	ng/ul#	78
6) Phenol	7.39	94	102471	20.14	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.61	93	78027	20.52	ng/ul#	79
10) 2-Chlorophenol	7.76	128	71875	19.78	ng/ul#	80
11) 2-Methylphenol	8.65	108	72097	19.27	ng/ul	81
12) 2,2'-oxybis(1-Chloropropan	8.72	45	148638	21.49	ng/ul#	87
14) Acetophenone	9.04	105	129454	20.71	ng/ul#	64
15) N-Nitroso-di-n-propylamine	9.00	70	75082	19.80	ng/ul#	67
16) 4-Methylphenol	8.98	108	78416	18.98	ng/ul	94
17) Hexachloroethane	9.28	117	37566	21.86	ng/ul	84
20) Nitrobenzene	9.43	77	116340	19.89	ng/ul#	72
21) Isophorone	9.94	82	206247	19.76	ng/ul#	91
23) 2-Nitrophenol	10.14	139	44524	19.19	ng/ul#	53
24) 2,4-Dimethylphenol	10.19	107	108093	20.85	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.41	93	112852	20.72	ng/ul#	96
27) 2,4-Dichlorophenol	10.69	162	82880	20.27	ng/ul#	91
28) Naphthalene	11.08	128	242818	20.22	ng/ul	96
30) 4-Chloroaniline	11.19	127	103401	22.30	ng/ul	97
31) Hexachlorobutadiene	11.33	225	78444	19.72	ng/ul	99
32) Caprolactam	11.96	113	31301m	20.06	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	98200	20.85	ng/ul#	84
34) 2-Methylnaphthalene	12.67	142	192204	20.63	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	132711	18.73	ng/ul	95
37) Hexachlorocyclopentadiene	12.98	237	52103	18.65	ng/ul	89
38) 2,4,6-Trichlorophenol	13.28	196	74666	19.09	ng/ul	86
39) 2,4,5-Trichlorophenol	13.37	196	84625	20.00	ng/ul	95
40) 1,1'-Biphenyl	13.65	154	263935	19.75	ng/ul	96
41) 2-Chloronaphthalene	13.71	162	210071	19.72	ng/ul	95
42) 2-Nitroaniline	13.93	65	81980	19.95	ng/ul#	67
44) Dimethylphthalate	14.27	163	295082	20.70	ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	61180	20.62	ng/ul#	74
47) Acenaphthylene	14.55	152	316449	20.31	ng/ul	100
48) 3-Nitroaniline	14.76	138	56158	22.19	ng/ul#	98
49) Acenaphthene	14.89	153	214879	19.55	ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	41984m	25.94	ng/ul	
52) 4-Nitrophenol	15.08	109	47170	17.41	ng/ul#	73
53) Dibenzofuran	15.22	168	341363	20.09	ng/ul	96
54) 2,4-Dinitrotoluene	15.21	165	91133	20.58	ng/ul#	39
55) 2,3,4,6-Tetrachlorophenol	15.45	232	81595	18.65	ng/ul#	90
56) Diethylphthalate	15.61	149	307937	20.60	ng/ul	97
58) Fluorene	15.87	166	274247	19.94	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.85	204	154538	19.60	ng/ul	94
60) 4-Nitroaniline	15.92	138	53992	21.41	ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.97	198	64050	19.63	ng/ul#	80
64) N-Nitrosodiphenylamine	16.07	169	257671	19.98	ng/ul	98
65) 4-Bromophenyl-phenylether	16.74	248	110193	18.79	ng/ul	95
66) Hexachlorobenzene	16.87	284	135297	19.84	ng/ul#	85
67) Atrazine	17.00	200	120652	19.81	ng/ul#	89
68) Pentachlorophenol	17.23	266	50893m	17.10	ng/ul	
69) Phenanthrene	17.61	178	495309	20.30	ng/ul	98
71) Anthracene	17.70	178	499115	20.26	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	132760	18.88	ng/uL	96
73) Pentachlorobenzene	15.14	250	138487	18.90	ng/uL	95
74) Carbazole	17.98	167	439294	21.39	ng/ul	97
75) Di-n-butylphthalate	18.49	149	551091	20.72	ng/ul#	96
76) Fluoranthene	19.61	202	654625	21.51	ng/ul#	90
79) Pyrene	19.98	202	676985	20.58	ng/ul#	87
80) Butylbenzylphthalate	20.82	149	282366	21.07	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.74	252	286252	21.11	ng/ul#	92
82) Benzo(a)anthracene	21.84	228	756733	20.16	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	392301	20.32	ng/ul#	97
84) Chrysene	21.91	228	717189	20.18	ng/ul	98
86) Di-n-octyl phthalate	22.93	149	677492	21.63	ng/ul#	88
87) Benzo(b)fluoranthene	24.17	252	774820	20.71	ng/ul#	94
88) Benzo(k)fluoranthene	24.24	252	736068	20.45	ng/ul#	93
90) Benzo(a)pyrene	25.09	252	748984	20.69	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	29.17	276	921079	20.13	ng/ul#	81
92) Dibenzo(a,h)anthracene	29.21	278	778270	20.26	ng/ul#	91
93) Benzo(g,h,i)perylene	30.40	276	766576m	20.18	ng/ul	

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

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