Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
Data File : BG018983.D
Acq On : 1 Oct 2015 17:22
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02022

Manual Integrations APPROVED
MMDadoda
10/2/2015 5:43:37 PM

Quant Time: Oct 02 11:33:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 04:39:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	65474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	281881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	180538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	465526	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	524277	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	520958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	10455	7.68	ng/uL	0.00
5) Phenol-d5	7.18	99	76572	14.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	54243	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	77699	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	90394m	20.72	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	43168	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	47143	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	80870	17.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	116622	22.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	299059	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	360026	20.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	53838	19.31	ng/ul	0.00
58) Fluorene-d10	15.59	176	266091	20.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	43029	19.53	ng/ul	0.00
71) Anthracene-d10	17.45	188	420694	20.53	ng/ul	0.00
79) Pyrene-d10	19.73	212	494502	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	525718	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	11810	8.02	ng/uL#	58
4) Benzaldehyde	7.11	77	65017m	20.91	ng/ul	
6) Phenol	7.22	94	94929m	17.07	ng/ul	
8) Bis(2-Chloroethyl)ether	7.39	93	80619	19.41	ng/ul	89
10) 2-Chlorophenol	7.55	128	76771	18.21	ng/ul	94
11) 2-Methylphenol	8.45	108	76208	17.82	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.50	45	86474	17.54	ng/ul#	69
14) Acetophenone	8.80	105	132278	19.91	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.77	70	58424	17.05	ng/ul#	80
16) 4-Methylphenol	8.79	108	87802m	18.67	ng/ul	
17) Hexachloroethane	9.05	117	34189	20.35	ng/ul#	71
20) Nitrobenzene	9.18	77	87081	17.59	ng/ul#	84
21) Isophorone	9.69	82	174708	17.31	ng/ul	96
23) 2-Nitrophenol	9.89	139	53276	22.01	ng/ul#	81
24) 2,4-Dimethylphenol	9.97	107	86285	17.20	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.18	93	114018	19.17	ng/ul	93
27) 2,4-Dichlorophenol	10.46	162	87087m	19.24	ng/ul	
28) Naphthalene	10.83	128	284859	19.86	ng/ul	97
30) 4-Chloroaniline	10.96	127	107216	19.70	ng/ul	99
31) Hexachlorobutadiene	11.10	225	61273	21.94	ng/ul	95
32) Caprolactam	11.74	113	29510m	15.93	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	84588	17.53	ng/ul	95
34) 2-Methylnaphthalene	12.43	142	217958	20.57	ng/ul	88

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	208558	20.54 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	121571	21.72 ng/ul#	94
38) Hexachlorocyclopentadiene	12.77	237	60235	19.35 ng/ul	92
39) 2,4,6-Trichlorophenol	13.06	196	72998	20.09 ng/ul	94
40) 2,4,5-Trichlorophenol	13.15	196	77202	19.73 ng/ul	97
41) 1,1'-Biphenyl	13.44	154	288798	21.14 ng/ul	95
42) 2-Chloronaphthalene	13.48	162	222922	21.40 ng/ul	97
43) 2-Nitroaniline	13.71	65	54592	17.68 ng/ul#	61
45) Dimethylphthalate	14.05	163	292418	20.76 ng/ul	98
46) 2,6-Dinitrotoluene	14.19	165	64559	22.79 ng/ul#	84
48) Acenaphthylene	14.33	152	372414	20.33 ng/ul	99
49) 3-Nitroaniline	14.54	138	67546	22.46 ng/ul#	80
50) Acenaphthene	14.66	153	246986	20.02 ng/ul	98
51) 2,4-Dinitrophenol	14.75	184	19884m	15.61 ng/ul	
53) 4-Nitrophenol	14.91	109	32461	16.98 ng/ul	87
54) Dibenzofuran	15.01	168	347735	20.09 ng/ul	94
55) 2,4-Dinitrotoluene	14.98	165	93795	22.25 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.25	232	68924	18.23 ng/ul#	84
57) Diethylphthalate	15.41	149	298483	20.39 ng/ul	99
59) Fluorene	15.65	166	288398	19.72 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	149031	21.38 ng/ul#	89
61) 4-Nitroaniline	15.72	138	70976	20.53 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.75	198	45323	20.04 ng/ul#	83
65) N-Nitrosodiphenylamine	15.86	169	247222	20.28 ng/ul	97
66) 4-Bromophenyl-phenylether	16.53	248	99378	21.79 ng/ul#	89
67) Hexachlorobenzene	16.66	284	114924	22.73 ng/ul#	89
68) Atrazine	16.81	200	115588	21.52 ng/ul	97
69) Pentachlorophenol	17.02	266	42148	14.30 ng/ul	92
70) Phenanthrene	17.39	178	468711	19.80 ng/ul	99
72) Anthracene	17.48	178	478303	20.15 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	121238	21.89 ng/uL	98
74) Pentachlorobenzene	14.92	250	124524	23.02 ng/uL	94
75) Carbazole	17.77	167	457115	21.69 ng/ul	97
76) Di-n-butylphthalate	18.30	149	564689	21.21 ng/ul#	98
77) Fluoranthene	19.40	202	612692	23.36 ng/ul	96
80) Pyrene	19.76	202	632033	20.50 ng/ul	95
81) Butylbenzylphthalate	20.63	149	255271	21.58 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.51	252	231317	24.88 ng/ul#	98
83) Benzo(a)anthracene	21.59	228	607893	20.91 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	363634	20.74 ng/ul#	100
85) Chrysene	21.66	228	562363	20.97 ng/ul	96
87) Di-n-octyl phthalate	22.66	149	617037	22.38 ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	614375	20.86 ng/ul	98
89) Benzo(k)fluoranthene	23.84	252	592214	20.99 ng/ul	98
91) Benzo(a)pyrene	24.64	252	589277	21.05 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.41	276	697770	21.49 ng/ul	97
93) Dibenzo(a,h)anthracene	28.47	278	573518	22.01 ng/ul	96
94) Benzo(g,h,i)perylene	29.56	276	583603	21.54 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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