Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019033.D
Acq On : 5 Oct 2015 18:57
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02035

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:55:00 PM

Quant Time: Oct 06 04:21:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 03:52:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	115360	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	75903	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	192184	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	228583	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	222838	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	3895	7.03	ng/uL	-0.01
5) Phenol-d5	7.20	99	44791	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	28420	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	32629	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	35548	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	16780	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	17852	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	36599	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	48593	22.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	123402	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	146211	19.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	25851	21.38	ng/ul	0.00
58) Fluorene-d10	15.66	176	110563	20.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	20752	19.91	ng/ul	0.00
71) Anthracene-d10	17.51	188	181619	20.07	ng/ul	0.00
79) Pyrene-d10	19.79	212	219305	20.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	225359	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	4442	7.29	ng/uL#	85
4) Benzaldehyde	7.18	77	27833	21.77	ng/ul	97
6) Phenol	7.23	94	45577	20.71	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.46	93	33814	20.38	ng/ul	95
10) 2-Chlorophenol	7.61	128	34558	20.54	ng/ul	99
11) 2-Methylphenol	8.48	108	35911	21.17	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.58	45	72340	22.22	ng/ul	97
14) Acetophenone	8.86	105	56922	21.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	30532	21.61	ng/ul	93
16) 4-Methylphenol	8.81	108	39827	21.29	ng/ul	99
17) Hexachloroethane	9.13	117	13261	19.81	ng/ul#	88
20) Nitrobenzene	9.25	77	44137	20.33	ng/ul	97
21) Isophorone	9.77	82	86451	20.41	ng/ul	98
23) 2-Nitrophenol	9.96	139	19383	20.12	ng/ul	93
24) 2,4-Dimethylphenol	10.01	107	44353	20.29	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	49444	19.75	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	36696	19.99	ng/ul	96
28) Naphthalene	10.91	128	115618	19.36	ng/ul	98
30) 4-Chloroaniline	11.01	127	52228	23.07	ng/ul	95
31) Hexachlorobutadiene	11.19	225	23040	19.69	ng/ul	99
32) Caprolactam	11.77	113	12314m	19.90	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	43307	21.51	ng/ul	94
34) 2-Methylnaphthalene	12.50	142	90427	20.21	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	87784	20.00	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	47928	19.45	ng/ul	97
38) Hexachlorocyclopentadiene	12.86	237	28667	18.10	ng/ul	97
39) 2,4,6-Trichlorophenol	13.10	196	30762	19.20	ng/ul	95
40) 2,4,5-Trichlorophenol	13.17	196	34750	20.20	ng/ul	94
41) 1,1'-Biphenyl	13.51	154	120261	19.44	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	93027	19.36	ng/ul	96
43) 2-Nitroaniline	13.74	65	34561	22.15	ng/ul	95
45) Dimethylphthalate	14.12	163	125500	20.54	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	25286	21.52	ng/ul	94
48) Acenaphthylene	14.39	152	155974	19.68	ng/ul	98
49) 3-Nitroaniline	14.56	138	25986	22.38	ng/ul	98
50) Acenaphthene	14.74	153	107176	19.93	ng/ul	97
51) 2,4-Dinitrophenol	14.77	184	10337	15.19	ng/ul	97
53) 4-Nitrophenol	14.86	109	20826	22.52	ng/ul	99
54) Dibenzofuran	15.07	168	146092	19.96	ng/ul	97
55) 2,4-Dinitrotoluene	15.02	165	38399	22.34	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.29	232	32562	20.52	ng/ul	98
57) Diethylphthalate	15.48	149	126826	20.69	ng/ul	98
59) Fluorene	15.71	166	123836	20.08	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	61883	20.32	ng/ul	98
61) 4-Nitroaniline	15.72	138	28957	22.08	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.78	198	22011	19.99	ng/ul#	94
65) N-Nitrosodiphenylamine	15.92	169	108654	19.44	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	41725	19.89	ng/ul	96
67) Hexachlorobenzene	16.72	284	47353	19.85	ng/ul	97
68) Atrazine	16.86	200	48140	20.75	ng/ul	97
69) Pentachlorophenol	17.06	266	26141	17.46	ng/ul	93
70) Phenanthrene	17.46	178	214744	19.83	ng/ul	98
72) Anthracene	17.54	178	216264	19.81	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	48254	18.62	ng/uL	96
74) Pentachlorobenzene	14.99	250	48197	19.08	ng/uL	99
75) Carbazole	17.81	167	199265	21.16	ng/ul	99
76) Di-n-butylphthalate	18.37	149	238094	19.78	ng/ul	99
77) Fluoranthene	19.46	202	272656	21.62	ng/ul	97
80) Pyrene	19.82	202	282515	20.54	ng/ul	99
81) Butylbenzylphthalate	20.71	149	106605	20.43	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.57	252	86717	20.49	ng/ul	99
83) Benzo(a)anthracene	21.66	228	263074	19.94	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	149447	19.74	ng/ul	100
85) Chrysene	21.72	228	250643	20.13	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	258044	20.40	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	255539	19.46	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	254739	19.92	ng/ul	97
91) Benzo(a)pyrene	24.74	252	249442	19.62	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.54	276	290269	19.92	ng/ul	97
93) Dibenzo(a,h)anthracene	28.61	278	257172	20.42	ng/ul	97
94) Benzo(g,h,i)perylene	29.70	276	242802	20.01	ng/ul	99

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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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