Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081315\
Data File : BG018428.D
Acq On : 13 Aug 2015 18:00
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:06:53 PM

Quant Time: Aug 14 01:06:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 00:53:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	128030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	593846	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	373436	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	849171	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	751449	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	784084	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	21112	7.29	ng/uL	0.00
5) Phenol-d5	7.18	99	244251	21.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	146954	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	180588	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	208455	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	96273	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	106535	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	218050	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	283057	25.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	644362	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	802906	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	123956	21.93	ng/ul	0.00
58) Fluorene-d10	15.63	176	564831	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	103574	24.80	ng/ul	0.00
71) Anthracene-d10	17.49	188	853095	21.01	ng/ul	0.00
79) Pyrene-d10	19.77	212	825512	21.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	857365	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	21866	7.05	ng/uL#	78
4) Benzaldehyde	7.15	77	159238	23.36	ng/ul	97
6) Phenol	7.20	94	248189	20.94	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.43	93	191895	21.05	ng/ul	96
10) 2-Chlorophenol	7.59	128	183044	20.18	ng/ul	96
11) 2-Methylphenol	8.45	108	195370	21.26	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	256521	17.53	ng/ul	97
14) Acetophenone	8.84	105	311017	22.05	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.82	70	170518	21.07	ng/ul	91
16) 4-Methylphenol	8.79	108	218983	21.83	ng/ul	90
17) Hexachloroethane	9.10	117	78225	20.01	ng/ul	94
20) Nitrobenzene	9.22	77	231704	19.83	ng/ul	95
21) Isophorone	9.74	82	461804	20.55	ng/ul	99
23) 2-Nitrophenol	9.94	139	115037	21.97	ng/ul	90
24) 2,4-Dimethylphenol	9.99	107	238388	20.32	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.23	93	284005	20.28	ng/ul	95
27) 2,4-Dichlorophenol	10.47	162	197812	21.10	ng/ul	96
28) Naphthalene	10.88	128	641603	20.44	ng/ul	97
30) 4-Chloroaniline	10.98	127	281547	24.48	ng/ul	98
31) Hexachlorobutadiene	11.16	225	121862	20.58	ng/ul	97
32) Caprolactam	11.73	113	85741m	22.71	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	236119	21.74	ng/ul	95
34) 2-Methylnaphthalene	12.48	142	479743	21.11	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.70	142	473656	21.34	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	252004	21.05	ng/ul	99
38) Hexachlorocyclopentadiene	12.83	237	144003	20.20	ng/ul	99
39) 2,4,6-Trichlorophenol	13.08	196	176079	21.59	ng/ul	96
40) 2,4,5-Trichlorophenol	13.16	196	185871	21.19	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	634442	20.36	ng/ul	99
42) 2-Chloronaphthalene	13.53	162	489566	20.22	ng/ul	96
43) 2-Nitroaniline	13.72	65	159631	20.42	ng/ul	87
45) Dimethylphthalate	14.10	163	634664	20.48	ng/ul	99
46) 2,6-Dinitrotoluene	14.22	165	141891	22.99	ng/ul	89
48) Acenaphthylene	14.37	152	813821	20.51	ng/ul	98
49) 3-Nitroaniline	14.54	138	153679	24.41	ng/ul	90
50) Acenaphthene	14.71	153	566982	20.37	ng/ul	99
51) 2,4-Dinitrophenol	14.75	184	69089	22.95	ng/ul	92
53) 4-Nitrophenol	14.85	109	96544	19.65	ng/ul	96
54) Dibenzofuran	15.05	168	745414	20.49	ng/ul	99
55) 2,4-Dinitrotoluene	15.00	165	197681	22.44	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.27	232	163351	21.38	ng/ul#	95
57) Diethylphthalate	15.46	149	656816	19.95	ng/ul	99
59) Fluorene	15.69	166	629516	20.12	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.69	204	306479	20.69	ng/ul	100
61) 4-Nitroaniline	15.70	138	154347	22.19	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.77	198	110221	24.74	ng/ul#	91
65) N-Nitrosodiphenylamine	15.89	169	555096	21.73	ng/ul	95
66) 4-Bromophenyl-phenylether	16.58	248	189559	20.64	ng/ul	97
67) Hexachlorobenzene	16.70	284	213119	21.94	ng/ul	97
68) Atrazine	16.84	200	223399	23.36	ng/ul	98
69) Pentachlorophenol	17.04	266	133167	20.47	ng/ul	97
70) Phenanthrene	17.43	178	963165	20.91	ng/ul	98
72) Anthracene	17.53	178	987144	21.02	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	257227	21.89	ng/uL	98
74) Pentachlorobenzene	14.96	250	242500	21.62	ng/uL	95
75) Carbazole	17.79	167	929775	22.59	ng/ul	99
76) Di-n-butylphthalate	18.35	149	1114171	20.72	ng/ul	98
77) Fluoranthene	19.44	202	1050748	21.35	ng/ul	99
80) Pyrene	19.80	202	1061250	20.89	ng/ul	98
81) Butylbenzylphthalate	20.69	149	474721	22.09	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.55	252	353404	22.65	ng/ul	96
83) Benzo(a)anthracene	21.63	228	968407	20.79	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	674679	22.22	ng/ul	99
85) Chrysene	21.70	228	909991	20.89	ng/ul	99
87) Di-n-octyl phthalate	22.76	149	1177862	23.28	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	978781	19.87	ng/ul#	98
89) Benzo(k)fluoranthene	23.91	252	967564	20.40	ng/ul	98
91) Benzo(a)pyrene	24.71	252	968396	20.68	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.50	276	1133430	20.91	ng/ul	96
93) Dibenzo(a,h)anthracene	28.57	278	935359	20.78	ng/ul	97
94) Benzo(g,h,i)perylene	29.65	276	936796	20.58	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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