Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
Data File : BG018998.D
Acq On : 2 Oct 2015 3:21
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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10/2/2015 5:45:57 PM

Quant Time: Oct 02 14:06:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	57704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	265097	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	173645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	457564m	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	535464	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	537432	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	10060	8.38	ng/uL	0.00
5) Phenol-d5	7.18	99	59013m	12.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	48514	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	66071	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	80586m	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	33824	16.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	39902	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	81648m	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	106088m	21.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	264428	18.92	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	348077	21.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	44270	16.51	ng/ul	0.03
58) Fluorene-d10	15.60	176	264025	21.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	38766	17.90	ng/ul	0.00
71) Anthracene-d10	17.45	188	426585	21.18	ng/ul	0.00
79) Pyrene-d10	19.73	212	509831	20.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	543631	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	10635	8.19	ng/uL#	75
4) Benzaldehyde	7.12	77	60329m	22.01	ng/ul	
6) Phenol	7.21	94	74748m	15.25	ng/ul	
8) Bis(2-Chloroethyl)ether	7.39	93	61388	16.77	ng/ul	91
10) 2-Chlorophenol	7.55	128	68321m	18.39	ng/ul	
11) 2-Methylphenol	8.45	108	57927	15.37	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.50	45	79447m	18.28	ng/ul	
14) Acetophenone	8.80	105	103394	17.66	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.77	70	50344	16.67	ng/ul#	83
16) 4-Methylphenol	8.79	108	78049m	18.83	ng/ul	
17) Hexachloroethane	9.04	117	34328	23.18	ng/ul#	80
20) Nitrobenzene	9.19	77	83419m	17.91	ng/ul	
21) Isophorone	9.69	82	165341	17.42	ng/ul	96
23) 2-Nitrophenol	9.90	139	48970m	21.51	ng/ul	
24) 2,4-Dimethylphenol	9.97	107	83562m	17.71	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.18	93	95542	17.08	ng/ul	97
27) 2,4-Dichlorophenol	10.45	162	81638m	19.18	ng/ul	
28) Naphthalene	10.82	128	268004	19.86	ng/ul	99
30) 4-Chloroaniline	10.98	127	104649m	20.45	ng/ul	
31) Hexachlorobutadiene	11.10	225	61158	23.29	ng/ul	96
32) Caprolactam	11.75	113	21870m	12.55	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	72596m	16.00	ng/ul	
34) 2-Methylnaphthalene	12.43	142	190460	19.11	ng/ul	94

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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	178500	18.69	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	114552	21.28	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	61533	20.55	ng/ul	95
39) 2,4,6-Trichlorophenol	13.06	196	60751	17.38	ng/ul	98
40) 2,4,5-Trichlorophenol	13.16	196	88778m	23.59	ng/ul	
41) 1,1'-Biphenyl	13.44	154	266278	20.26	ng/ul	95
42) 2-Chloronaphthalene	13.49	162	214608	21.42	ng/ul	96
43) 2-Nitroaniline	13.72	65	49741m	16.75	ng/ul	
45) Dimethylphthalate	14.05	163	264263	19.51	ng/ul	97
46) 2,6-Dinitrotoluene	14.19	165	57079	20.95	ng/ul#	80
48) Acenaphthylene	14.33	152	357637	20.30	ng/ul	99
49) 3-Nitroaniline	14.57	138	62233	21.52	ng/ul#	74
50) Acenaphthene	14.67	153	239723	20.20	ng/ul	97
51) 2,4-Dinitrophenol	14.78	184	18793m	15.34	ng/ul	
53) 4-Nitrophenol	14.93	109	29744m	16.18	ng/ul	
54) Dibenzofuran	15.00	168	347371	20.86	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	88360	21.79	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.25	232	60919	16.76	ng/ul#	88
57) Diethylphthalate	15.41	149	277974	19.74	ng/ul	98
59) Fluorene	15.65	166	284804	20.25	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.64	204	147900	22.06	ng/ul#	86
61) 4-Nitroaniline	15.74	138	69573	20.92	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.75	198	38422m	17.29	ng/ul	
65) N-Nitrosodiphenylamine	15.86	169	249153	20.79	ng/ul	97
66) 4-Bromophenyl-phenylether	16.54	248	99973m	22.30	ng/ul	
67) Hexachlorobenzene	16.65	284	115124m	23.16	ng/ul	
68) Atrazine	16.81	200	102053m	19.33	ng/ul	
69) Pentachlorophenol	17.02	266	46013m	15.88	ng/ul	
70) Phenanthrene	17.39	178	475075m	20.42	ng/ul	
72) Anthracene	17.49	178	482492	20.68	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	114893	21.10	ng/uL	99
74) Pentachlorobenzene	14.92	250	121817	22.91	ng/uL	93
75) Carbazole	17.78	167	464766	22.43	ng/ul	97
76) Di-n-butylphthalate	18.29	149	558573	21.34	ng/ul#	98
77) Fluoranthene	19.40	202	624095m	24.21	ng/ul	
80) Pyrene	19.76	202	635113	20.17	ng/ul	96
81) Butylbenzylphthalate	20.64	149	256073	21.20	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.51	252	247494	26.07	ng/ul#	97
83) Benzo(a)anthracene	21.58	228	621641	20.94	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	366321	20.45	ng/ul#	98
85) Chrysene	21.65	228	573429	20.94	ng/ul	96
87) Di-n-octyl phthalate	22.66	149	624710	21.97	ng/ul	100
88) Benzo(b)fluoranthene	23.77	252	617203	20.31	ng/ul	99
89) Benzo(k)fluoranthene	23.84	252	631158	21.68	ng/ul	97
91) Benzo(a)pyrene	24.64	252	610397m	21.13	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.42	276	725731	21.67	ng/ul	98
93) Dibenzo(a,h)anthracene	28.46	278	603339	22.45	ng/ul	97
94) Benzo(g,h,i)perylene	29.55	276	604181	21.61	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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