Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018277.D
Acq On : 5 Aug 2015 19:07
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02065

Quant Time: Aug 06 02:24:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 02:17:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	41325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	183477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	133226	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	340923	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	331044	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	246506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	3495	7.30	ng/uL	0.00
5) Phenol-d5	6.64	99	62021	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	29800	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	51424	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	52019	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	27509	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	32674	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	57807	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	78400	21.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	200368	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	233113	19.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	31082	18.28	ng/ul	0.00
58) Fluorene-d10	15.12	176	179602	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	43138	18.28	ng/ul	0.00
71) Anthracene-d10	16.97	188	292458	19.50	ng/ul	0.00
79) Pyrene-d10	19.29	212	322676	17.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	236668	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.93	88	3739	7.07	ng/uL	97
4) Benzaldehyde	6.58	77	33622	20.25	ng/ul	93
6) Phenol	6.67	94	58553	18.13	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.87	93	43813	18.54	ng/ul	95
10) 2-Chlorophenol	7.00	128	47741	18.29	ng/ul	96
11) 2-Methylphenol	7.90	108	48446	18.36	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.98	45	34581	19.08	ng/ul	93
14) Acetophenone	8.25	105	84483	19.16	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.24	70	43711	18.75	ng/ul	96
16) 4-Methylphenol	8.23	108	54807	18.55	ng/ul	90
17) Hexachloroethane	8.49	117	23089	18.68	ng/ul#	92
20) Nitrobenzene	8.63	77	61923	19.37	ng/ul	95
21) Isophorone	9.15	82	127798	19.96	ng/ul	98
23) 2-Nitrophenol	9.34	139	32663	18.59	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	70404	19.05	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.65	93	62645	19.09	ng/ul	97
27) 2,4-Dichlorophenol	9.88	162	55748	19.97	ng/ul#	85
28) Naphthalene	10.27	128	167084	19.37	ng/ul#	97
30) 4-Chloroaniline	10.39	127	75920	20.93	ng/ul	93
31) Hexachlorobutadiene	10.55	225	43040	20.44	ng/ul	90
32) Caprolactam	11.14	113	25406m	19.54	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	71148	20.06	ng/ul	91
34) 2-Methylnaphthalene	11.89	142	135252	19.54	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	131247	19.63 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	73944	18.98 ng/ul	93
38) Hexachlorocyclopentadiene	12.25	237	29276	16.68 ng/ul	87
39) 2,4,6-Trichlorophenol	12.53	196	48827	19.10 ng/ul	96
40) 2,4,5-Trichlorophenol	12.62	196	52413	19.15 ng/ul	90
41) 1,1'-Biphenyl	12.93	154	179285	19.53 ng/ul	99
42) 2-Chloronaphthalene	12.98	162	138786	19.27 ng/ul	96
43) 2-Nitroaniline	13.20	65	45699	18.90 ng/ul	98
45) Dimethylphthalate	13.58	163	203554	19.80 ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	44853	18.95 ng/ul	95
48) Acenaphthylene	13.83	152	232865	19.36 ng/ul#	97
49) 3-Nitroaniline	14.04	138	41040	19.85 ng/ul	90
50) Acenaphthene	14.18	153	152058	19.53 ng/ul	93
51) 2,4-Dinitrophenol	14.26	184	23296	18.47 ng/ul#	91
53) 4-Nitrophenol	14.39	109	37805	19.81 ng/ul	89
54) Dibenzofuran	14.52	168	226810	19.79 ng/ul	97
55) 2,4-Dinitrotoluene	14.51	165	66901	19.46 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.76	232	48187	19.23 ng/ul	97
57) Diethylphthalate	14.96	149	220728	20.25 ng/ul	98
59) Fluorene	15.17	166	194879	19.36 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.17	204	104820	19.29 ng/ul	92
61) 4-Nitroaniline	15.21	138	43005	19.06 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.28	198	43110	18.24 ng/ul#	99
65) N-Nitrosodiphenylamine	15.39	169	168926	18.84 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	74276	19.20 ng/ul	91
67) Hexachlorobenzene	16.18	284	89042	19.68 ng/ul	95
68) Atrazine	16.36	200	80988	19.86 ng/ul	97
69) Pentachlorophenol	16.54	266	28321	16.29 ng/ul#	83
70) Phenanthrene	16.92	178	332448	19.32 ng/ul	99
72) Anthracene	17.01	178	334047	19.45 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	76804	18.92 ng/uL	93
74) Pentachlorobenzene	14.44	250	86393	19.03 ng/uL	92
75) Carbazole	17.29	167	289233	19.97 ng/ul	95
76) Di-n-butylphthalate	17.86	149	389247	19.16 ng/ul	99
77) Fluoranthene	18.94	202	394960	20.70 ng/ul	99
80) Pyrene	19.32	202	398150	17.30 ng/ul	99
81) Butylbenzylphthalate	20.23	149	165093	18.50 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.01	252	136245	19.01 ng/ul#	96
83) Benzo(a)anthracene	21.07	228	341561	19.55 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	209564	19.51 ng/ul	96
85) Chrysene	21.12	228	305128	19.44 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	296760	18.27 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	280903	18.58 ng/ul	97
89) Benzo(k)fluoranthene	22.64	252	273508	18.87 ng/ul	95
91) Benzo(a)pyrene	23.15	252	249716	18.92 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.43	276	274295	16.80 ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	238464	16.64 ng/ul#	99
94) Benzo(g,h,i)perylene	26.08	276	232293	17.53 ng/ul	98

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

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