Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021926.D
Acq On : 17 May 2016 4:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

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Quant Time: May 17 04:56:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	62849	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	295477	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.80	164	168451	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	352423	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	332105	20.00	ng/ul	0.02
84) Perylene-d12	25.18	264	301400	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8590	6.60	ng/uL	0.00
5) Phenol-d5	7.32	99	97076	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	45462	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	88032	24.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83385	21.29	ng/ul	0.02
19) Nitrobenzene-d5	9.34	128	44518	22.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	48781	39.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	90088	25.97	ng/ul	0.02
29) 4-Chloroaniline-d4	11.13	131	110521	29.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	244827	20.69	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	345405	20.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	42123	20.77	ng/ul	0.03
58) Fluorene-d10	15.79	176	237891	19.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	24815	25.42	ng/ul	0.02
71) Anthracene-d10	17.64	188	324019	18.89	ng/ul	0.00
77) Pyrene-d10	19.92	212	321989	20.71	ng/ul	0.02
88) Benzo(a)pyrene-d12	24.94	264	290523	20.29	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	15426	6.39	ng/uL#	63
4) Benzaldehyde	7.31	77	52977m	104.50	ng/ul	
6) Phenol	7.35	94	99680	20.10	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.58	93	73939	18.31	ng/ul#	75
10) 2-Chlorophenol	7.74	128	88601	24.28	ng/ul#	75
11) 2-Methylphenol	8.62	108	80743	20.70	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.70	45	68010	19.19	ng/ul#	85
14) Acetophenone	9.00	105	119594	18.53	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.98	70	51610	17.70	ng/ul#	76
16) 4-Methylphenol	8.95	108	87778	20.38	ng/ul	92
17) Hexachloroethane	9.26	117	32311	19.99	ng/ul	96
20) Nitrobenzene	9.39	77	76199	20.29	ng/ul#	68
21) Isophorone	9.91	82	159642	18.30	ng/ul#	87
23) 2-Nitrophenol	10.10	139	51237	34.62	ng/ul#	57
24) 2,4-Dimethylphenol	10.15	107	85690	23.13	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	10.39	93	98660	18.84	ng/ul#	97
27) 2,4-Dichlorophenol	10.64	162	87452	24.74	ng/ul	94
28) Naphthalene	11.04	128	298020	20.11	ng/ul	98
30) 4-Chloroaniline	11.15	127	109229	28.87	ng/ul	95
31) Hexachlorobutadiene	11.32	225	50135	21.00	ng/ul	94
32) Caprolactam	11.92	113	31051m	20.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	83221	23.29	ng/ul#	68
34) 2-Methylnaphthalene	12.64	142	219650	20.13	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	213575	19.74 ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	109250	23.39 ng/ul#	91
38) Hexachlorocyclopentadiene	12.97	237	28799	12.13 ng/ul#	92
39) 2,4,6-Trichlorophenol	13.24	196	71276	31.96 ng/ul	95
40) 2,4,5-Trichlorophenol	13.32	196	80091	25.64 ng/ul	94
41) 1,1'-Biphenyl	13.63	154	277451	21.14 ng/ul#	96
42) 2-Chloronaphthalene	13.68	162	211060	21.21 ng/ul	94
43) 2-Nitroaniline	13.88	65	38319	23.41 ng/ul#	23
45) Dimethylphthalate	14.24	163	240016	19.91 ng/ul	99
46) 2,6-Dinitrotoluene	14.37	165	56477	23.74 ng/ul#	62
48) Acenaphthylene	14.53	152	355388	20.62 ng/ul	99
49) 3-Nitroaniline	14.70	138	55308	20.51 ng/ul#	64
50) Acenaphthene	14.86	153	239413	20.02 ng/ul	98
51) 2,4-Dinitrophenol	14.92	184	13451	24.94 ng/ul#	44
53) 4-Nitrophenol	15.02	109	20755	22.46 ng/ul#	37
54) Dibenzofuran	15.20	168	319165	19.90 ng/ul#	81
55) 2,4-Dinitrotoluene	15.16	165	76503	23.23 ng/ul#	54
56) 2,3,4,6-Tetrachlorophenol	15.42	232	65441	29.68 ng/ul#	86
57) Diethylphthalate	15.60	149	247782	21.09 ng/ul	97
59) Fluorene	15.84	166	264908	19.10 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.83	204	126375	20.19 ng/ul	88
61) 4-Nitroaniline	15.87	138	62528	20.30 ng/ul#	45
64) 4,6-Dinitro-2-methylphenol	15.93	198	26632	25.03 ng/ul#	81
65) N-Nitrosodiphenylamine	16.04	169	221561	21.53 ng/ul	92
66) 4-Bromophenyl-phenylether	16.72	248	80373m	21.78 ng/ul	
67) Hexachlorobenzene	16.85	284	90969	21.39 ng/ul#	81
68) Atrazine	16.99	200	77369	26.17 ng/ul	97
69) Pentachlorophenol	17.20	266	49571	30.51 ng/ul	96
70) Phenanthrene	17.59	178	390775	20.28 ng/ul	98
72) Anthracene	17.68	178	391263	19.99 ng/ul	99
73) Carbazole	17.95	167	344550	20.31 ng/ul#	95
74) Di-n-butylphthalate	18.48	149	412443	26.75 ng/ul#	96
75) Fluoranthene	19.59	202	403395	18.43 ng/ul#	95
78) Pyrene	19.95	202	413802m	21.54 ng/ul	
79) Butylbenzylphthalate	20.81	149	182057m	42.86 ng/ul	
80) 3,3'-Dichlorobenzidine	21.72	252	127080	23.16 ng/ul	99
81) Benzo(a)anthracene	21.81	228	388814	21.04 ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.69	149	257535	37.14 ng/ul	96
83) Chrysene	21.88	228	366096	20.03 ng/ul	98
85) Di-n-octyl phthalate	22.94	149	447275	36.00 ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	374254	21.69 ng/ul#	97
87) Benzo(k)fluoranthene	24.18	252	358687	19.42 ng/ul#	97
89) Benzo(a)pyrene	25.02	252	360637	21.00 ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.02	276	327006m	16.07 ng/ul	
91) Dibenzo(a,h)anthracene	29.09	278	261194	15.42 ng/ul#	97
92) Benzo(g,h,i)perylene	30.23	276	210967m	12.56 ng/ul	

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

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