Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

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Quant Time: May 11 07:07:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	57366	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	288069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	170357	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	363771	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	352957	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	340710	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	8740m	7.35	ng/uL	0.00
5) Phenol-d5	7.33	99	85291	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	42975	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	78281	23.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	76315	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41855	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	40442	33.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	81192	24.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	108427m	29.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	247422	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	350303	20.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42323	20.63	ng/ul	0.00
58) Fluorene-d10	15.79	176	243745	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	27829	27.62	ng/ul	0.00
71) Anthracene-d10	17.65	188	341116	19.26	ng/ul	0.00
77) Pyrene-d10	19.92	212	346520	20.97	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	321248	19.84	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	14732	6.69	ng/uL#	65
4) Benzaldehyde	7.32	77	48658m	105.16	ng/ul	
6) Phenol	7.36	94	89628	19.80	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.59	93	67491	18.31	ng/ul#	77
10) 2-Chlorophenol	7.75	128	80179	24.07	ng/ul#	76
11) 2-Methylphenol	8.62	108	74032	20.80	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	67050	20.72	ng/ul#	83
14) Acetophenone	9.01	105	111913	19.00	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.99	70	52875	19.87	ng/ul#	72
16) 4-Methylphenol	8.95	108	81129	20.64	ng/ul	87
17) Hexachloroethane	9.27	117	28643	19.42	ng/ul	92
20) Nitrobenzene	9.40	77	75517	20.63	ng/ul#	68
21) Isophorone	9.92	82	163681	19.25	ng/ul#	89
23) 2-Nitrophenol	10.11	139	42587	29.51	ng/ul#	61
24) 2,4-Dimethylphenol	10.16	107	82168	22.75	ng/ul#	74
25) Bis(2-Chloroethoxy)methane	10.40	93	95592	18.72	ng/ul#	96
27) 2,4-Dichlorophenol	10.64	162	81280m	23.58	ng/ul	
28) Naphthalene	11.05	128	284743	19.71	ng/ul	99
30) 4-Chloroaniline	11.16	127	103340	28.01	ng/ul	96
31) Hexachlorobutadiene	11.33	225	46250	19.88	ng/ul	98
32) Caprolactam	11.92	113	30181	20.71	ng/ul#	45
33) 4-Chloro-3-methylphenol	12.27	107	78777	22.61	ng/ul#	66
34) 2-Methylnaphthalene	12.65	142	209174	19.67	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	207624	19.68	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	100169	21.20	ng/ul#	90
38) Hexachlorocyclopentadiene	12.98	237	43306	18.03	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.24	196	66206	29.35	ng/ul	99
40) 2,4,5-Trichlorophenol	13.32	196	72883	23.07	ng/ul	96
41) 1,1'-Biphenyl	13.64	154	274344	20.67	ng/ul	96
42) 2-Chloronaphthalene	13.69	162	209807	20.85	ng/ul	95
43) 2-Nitroaniline	13.89	65	37035	22.37	ng/ul#	26
45) Dimethylphthalate	14.25	163	250489	20.55	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	53368	22.19	ng/ul#	63
48) Acenaphthylene	14.53	152	361691	20.75	ng/ul	98
49) 3-Nitroaniline	14.72	138	58685m	21.52	ng/ul	
50) Acenaphthene	14.87	153	244936	20.25	ng/ul	97
51) 2,4-Dinitrophenol	14.91	184	16246	29.79	ng/ul#	56
53) 4-Nitrophenol	15.01	109	19699m	21.08	ng/ul	
54) Dibenzofuran	15.20	168	317955	19.61	ng/ul#	81
55) 2,4-Dinitrotoluene	15.16	165	72950	21.91	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.42	232	61221	27.45	ng/ul#	87
57) Diethylphthalate	15.60	149	254308	21.40	ng/ul	99
59) Fluorene	15.85	166	270818	19.31	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	123502	19.51	ng/ul#	88
61) 4-Nitroaniline	15.87	138	57065	18.32	ng/ul#	49
64) 4,6-Dinitro-2-methylphenol	15.92	198	30696	27.95	ng/ul#	78
65) N-Nitrosodiphenylamine	16.05	169	222821	20.98	ng/ul	93
66) 4-Bromophenyl-phenylether	16.73	248	75790m	19.90	ng/ul	
67) Hexachlorobenzene	16.85	284	91065	20.75	ng/ul#	82
68) Atrazine	16.99	200	75305	24.67	ng/ul	99
69) Pentachlorophenol	17.19	266	48393	28.86	ng/ul	93
70) Phenanthrene	17.59	178	400890	20.16	ng/ul	96
72) Anthracene	17.68	178	410672	20.33	ng/ul	99
73) Carbazole	17.95	167	360401	20.58	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	439512	27.61	ng/ul#	97
75) Fluoranthene	19.59	202	434267	19.22	ng/ul#	95
78) Pyrene	19.95	202	447997m	21.94	ng/ul	
79) Butylbenzylphthalate	20.82	149	178966	39.65	ng/ul#	83
80) 3,3'-Dichlorobenzidine	21.72	252	143914	24.68	ng/ul	99
81) Benzo(a)anthracene	21.81	228	402020	20.47	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	273905	37.17	ng/ul	95
83) Chrysene	21.88	228	383295	19.73	ng/ul	97
85) Di-n-octyl phthalate	22.95	149	459471	32.71	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	400674	20.55	ng/ul#	97
87) Benzo(k)fluoranthene	24.17	252	385458	18.46	ng/ul#	95
89) Benzo(a)pyrene	25.02	252	392354	20.21	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.99	276	473437	20.58	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.06	278	396548m	20.71	ng/ul	
92) Benzo(g,h,i)perylene	30.20	276	388427m	20.45	ng/ul	

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

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