Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025733.D
Acq On : 1 Feb 2017 1:41
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
mohammad
2/1/2017 4:56:57 PM

Quant Time: Feb 01 04:33:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 01 02:37:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	309161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	254538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	569895	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	786562	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	798798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9005m	6.49	ng/uL	0.00
5) Phenol-d5	7.33	99	123405	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	82065	21.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	87745	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	94497	18.68	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41133	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	48750	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	96956	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	117029	20.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	318391	17.71	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	377761	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	37774	15.34	ng/ul	0.00
57) Fluorene-d10	15.79	176	310083	18.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	67535	19.21	ng/ul	0.00
70) Anthracene-d10	17.64	188	480467	19.80	ng/ul	0.00
76) Pyrene-d10	19.92	212	648437	19.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	669081	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	13720	8.37	ng/uL#	85
4) Benzaldehyde	7.32	77	96896	23.64	ng/ul	97
6) Phenol	7.36	94	121622	19.45	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.58	93	96076	21.51	ng/ul	97
10) 2-Chlorophenol	7.73	128	86702	20.85	ng/ul	92
11) 2-Methylphenol	8.62	108	88950	19.10	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.70	45	200187	23.60	ng/ul	96
14) Acetophenone	9.00	105	154947	19.61	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.97	70	94061	19.89	ng/ul	99
16) 4-Methylphenol	8.95	108	97331	19.06	ng/ul	94
17) Hexachloroethane	9.24	117	40981	21.17	ng/ul	94
20) Nitrobenzene	9.40	77	145635	20.76	ng/ul#	85
21) Isophorone	9.91	82	263126	19.97	ng/ul	95
23) 2-Nitrophenol	10.11	139	56625	21.20	ng/ul	94
24) 2,4-Dimethylphenol	10.16	107	124227	19.30	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.38	93	141420	21.27	ng/ul	95
27) 2,4-Dichlorophenol	10.65	162	93438	18.65	ng/ul	96
28) Naphthalene	11.05	128	288086	20.18	ng/ul	98
30) 4-Chloroaniline	11.18	127	115715	19.92	ng/ul	97
31) Hexachlorobutadiene	11.30	225	84821	19.38	ng/ul	93
32) Caprolactam	11.94	113	35253	16.74	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	115484	18.98	ng/ul	94
34) 2-Methylnaphthalene	12.64	142	224411	19.26	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	145995	19.05	ng/ul	97
37) Hexachlorocyclopentadiene	12.96	237	58450	19.32	ng/ul	97
38) 2,4,6-Trichlorophenol	13.25	196	81327	17.53	ng/ul	95
39) 2,4,5-Trichlorophenol	13.34	196	90010	18.50	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	309340	19.61	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	239111	19.53	ng/ul	98
42) 2-Nitroaniline	13.91	65	97899	18.44	ng/ul	95
44) Dimethylphthalate	14.24	163	328978	18.61	ng/ul	96
45) 2,6-Dinitrotoluene	14.39	165	67886	18.66	ng/ul	91
47) Acenaphthylene	14.52	152	368116	19.47	ng/ul	97
48) 3-Nitroaniline	14.73	138	62904	19.11	ng/ul#	70
49) Acenaphthene	14.86	153	256572	19.05	ng/ul	100
50) 2,4-Dinitrophenol	14.97	184	39196	18.33	ng/ul#	87
52) 4-Nitrophenol	15.05	109	47203	13.83	ng/ul	85
53) Dibenzofuran	15.19	168	382149	18.47	ng/ul	98
54) 2,4-Dinitrotoluene	15.19	165	101069	18.21	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.43	232	88327	17.15	ng/ul	95
56) Diethylphthalate	15.59	149	348124	18.22	ng/ul	97
58) Fluorene	15.84	166	315524	18.67	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	169604	17.79	ng/ul#	85
60) 4-Nitroaniline	15.89	138	66769	20.95	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.95	198	64675	17.85	ng/ul#	87
64) N-Nitrosodiphenylamine	16.04	169	296901	20.21	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	119618	18.09	ng/ul#	86
66) Hexachlorobenzene	16.85	284	136158	18.11	ng/ul	96
67) Atrazine	16.97	200	132926	19.26	ng/ul	93
68) Pentachlorophenol	17.21	266	51089	16.34	ng/ul#	86
69) Phenanthrene	17.59	178	555356	20.05	ng/ul	99
71) Anthracene	17.68	178	583163	20.94	ng/ul	97
72) Carbazole	17.96	167	500664	21.68	ng/ul	97
73) Di-n-butylphthalate	18.47	149	638450	21.38	ng/ul	99
74) Fluoranthene	19.59	202	746735	22.84	ng/ul	97
77) Pyrene	19.95	202	767819	19.85	ng/ul#	96
78) Butylbenzylphthalate	20.80	149	334349	22.23	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.72	252	309740	21.46	ng/ul	97
80) Benzo(a)anthracene	21.81	228	832370	20.03	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.65	149	456815	21.76	ng/ul	99
82) Chrysene	21.88	228	776413	19.86	ng/ul	99
84) Di-n-octyl phthalate	22.90	149	780978	22.78	ng/ul	100
85) Benzo(b)fluoranthene	24.12	252	798310	19.31	ng/ul#	98
86) Benzo(k)fluoranthene	24.20	252	798755	20.60	ng/ul#	96
88) Benzo(a)pyrene	25.05	252	797599	20.40	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.11	276	940263	18.98	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.15	278	795491	19.28	ng/ul#	98
91) Benzo(g,h,i)perylene	30.34	276	779101	19.16	ng/ul	95

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

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