Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026763.D
Acq On : 29 Apr 2017 1:33
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02063

Quant Time: Apr 29 02:16:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 01:26:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	185566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	910342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	529377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	1016400	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	898557	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	948482	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	31006	7.52	ng/uL	0.00
5) Phenol-d5	7.19	99	360189	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	200262	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	290130	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	299625	21.80	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	152631	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	172957	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	285061	21.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	401918	22.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	821170	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1079703	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	152088	19.80	ng/ul	0.00
57) Fluorene-d10	15.61	176	728620	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	125888	20.40	ng/ul	0.00
70) Anthracene-d10	17.45	188	988037	20.03	ng/ul	0.00
76) Pyrene-d10	19.73	212	931167	19.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	898670	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	34057	7.24	ng/uL#	78
4) Benzaldehyde	7.15	77	136198	17.02	ng/ul#	64
6) Phenol	7.22	94	366734	21.85	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	258793	19.97	ng/ul	89
10) 2-Chlorophenol	7.58	128	282498	20.42	ng/ul#	81
11) 2-Methylphenol	8.46	108	291820	21.96	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.54	45	289646	21.42	ng/ul#	88
14) Acetophenone	8.83	105	423110	20.96	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	199136	19.99	ng/ul#	70
16) 4-Methylphenol	8.79	108	316074	21.75	ng/ul	95
17) Hexachloroethane	9.09	117	101939	19.59	ng/ul#	74
20) Nitrobenzene	9.21	77	291246	19.84	ng/ul#	76
21) Isophorone	9.73	82	566869	20.11	ng/ul#	87
23) 2-Nitrophenol	9.92	139	178040	20.46	ng/ul#	61
24) 2,4-Dimethylphenol	9.99	107	337553	21.28	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.21	93	378135	19.64	ng/ul#	92
27) 2,4-Dichlorophenol	10.47	162	274859	20.96	ng/ul	97
28) Naphthalene	10.86	128	938202	19.80	ng/ul	98
30) 4-Chloroaniline	10.97	127	375988	22.64	ng/ul	94
31) Hexachlorobutadiene	11.14	225	125704	18.95	ng/ul	92
32) Caprolactam	11.72	113	107852	22.01	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.10	107	331620	23.32	ng/ul	86
34) 2-Methylnaphthalene	12.46	142	715443	20.34	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	267305	19.15	ng/ul	96
37) Hexachlorocyclopentadiene	12.81	237	121680	19.79	ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	202010	21.04	ng/ul	93
39) 2,4,5-Trichlorophenol	13.15	196	210510	21.21	ng/ul	97
40) 1,1'-Biphenyl	13.46	154	871251	19.58	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	650309	19.44	ng/ul	96
42) 2-Nitroaniline	13.70	65	205925	21.54	ng/ul#	68
44) Dimethylphthalate	14.07	163	805091	19.30	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	180260	20.48	ng/ul#	80
47) Acenaphthylene	14.34	152	1090504	20.00	ng/ul	98
48) 3-Nitroaniline	14.53	138	198426	21.42	ng/ul#	77
49) Acenaphthene	14.69	153	747087	19.70	ng/ul	99
50) 2,4-Dinitrophenol	14.74	184	106995	23.77	ng/ul#	73
52) 4-Nitrophenol	14.86	109	87787	19.49	ng/ul#	30
53) Dibenzofuran	15.01	168	996848	19.75	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	256066	20.33	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.25	232	159280	20.43	ng/ul#	77
56) Diethylphthalate	15.43	149	858764	19.67	ng/ul	99
58) Fluorene	15.67	166	809444	19.65	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	349849	19.48	ng/ul	91
60) 4-Nitroaniline	15.68	138	173870	17.03	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.74	198	131547	20.47	ng/ul#	92
64) N-Nitrosodiphenylamine	15.87	169	687664	20.58	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	208260	20.53	ng/ul#	81
66) Hexachlorobenzene	16.67	284	218615	20.01	ng/ul#	91
67) Atrazine	16.81	200	215837	20.67	ng/ul#	91
68) Pentachlorophenol	17.02	266	107299	21.51	ng/ul	93
69) Phenanthrene	17.40	178	1143499	19.97	ng/ul	99
71) Anthracene	17.49	178	1180822	20.10	ng/ul	98
72) Carbazole	17.76	167	1072101	21.58	ng/ul	97
73) Di-n-butylphthalate	18.30	149	1374692	21.27	ng/ul#	97
74) Fluoranthene	19.40	202	1159200	21.81	ng/ul#	82
77) Pyrene	19.76	202	1194376	19.81	ng/ul#	78
78) Butylbenzylphthalate	20.64	149	628193	22.44	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	377529	21.85	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	1044951	19.88	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	900753	22.54	ng/ul#	98
82) Chrysene	21.65	228	959758	19.66	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1549415	23.77	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1061471	19.58	ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	1049312	19.70	ng/ul#	94
88) Benzo(a)pyrene	24.61	252	1044453	19.58	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.36	276	1269187	20.07	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.41	278	1074211	20.04	ng/ul#	88
91) Benzo(g,h,i)perylene	29.48	276	1047500	19.98	ng/ul#	79

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

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