Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028125.D
Acq On : 3 Aug 2017 1:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02094

Manual Integrations APPROVED
Sohil
8/3/2017 8:31:05 PM

Quant Time: Aug 03 02:30:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 02 15:01:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	30656	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	156052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	122034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	319747	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	328747	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	308088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	4261	6.47	ng/uL	0.00
5) Phenol-d5	7.51	99	63375	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	42591	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	42199	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	56072	19.93	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	24562	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	28823	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	53993	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	71394	23.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	210479	19.39	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	246810	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	34339	19.90	ng/ul	0.00
57) Fluorene-d10	15.96	176	188949	19.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	40055	19.28	ng/ul	0.00
70) Anthracene-d10	17.82	188	303194	19.77	ng/ul	0.00
76) Pyrene-d10	20.09	212	336479	19.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	281891	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	5041	7.291	ng/uL#	84
4) Benzaldehyde	7.50	77	41655	21.409	ng/ul	89
6) Phenol	7.53	94	63318	18.923	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.77	93	44321	19.445	ng/ul	94
10) 2-Chlorophenol	7.93	128	42657	20.609	ng/ul	94
11) 2-Methylphenol	8.79	108	45500	19.264	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.88	45	109913	19.865	ng/ul#	92
14) Acetophenone	9.18	105	81803	20.383	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.16	70	48027	21.056	ng/ul	93
16) 4-Methylphenol	9.12	108	53137	19.925	ng/ul	97
17) Hexachloroethane	9.45	117	16294	18.998	ng/ul	90
20) Nitrobenzene	9.58	77	69369	19.638	ng/ul	97
21) Isophorone	10.09	82	138923	20.701	ng/ul	98
23) 2-Nitrophenol	10.29	139	26145	19.357	ng/ul	97
24) 2,4-Dimethylphenol	10.33	107	65575	19.533	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.56	93	70840	19.379	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	49438	19.619	ng/ul	94
28) Naphthalene	11.23	128	152532	19.735	ng/ul	98
30) 4-Chloroaniline	11.34	127	67924	22.741	ng/ul	96
31) Hexachlorobutadiene	11.51	225	34653	18.630	ng/ul	93
32) Caprolactam	12.08	113	22509m	21.481	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	68239	21.215	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	124354	20.031	ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	72153	18.343	ng/ul	95
37) Hexachlorocyclopentadiene	13.15	237	36487	16.811	ng/ul	94
38) 2,4,6-Trichlorophenol	13.41	196	49395	20.148	ng/ul	100
39) 2,4,5-Trichlorophenol	13.48	196	52674	19.712	ng/ul	92
40) 1,1'-Biphenyl	13.81	154	173115	19.423	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	134232	19.058	ng/ul	95
42) 2-Nitroaniline	14.05	65	60332	20.430	ng/ul	94
44) Dimethylphthalate	14.41	163	192521	19.264	ng/ul	100
45) 2,6-Dinitrotoluene	14.54	165	41912	20.312	ng/ul#	91
47) Acenaphthylene	14.69	152	225734	19.302	ng/ul	98
48) 3-Nitroaniline	14.87	138	37573	20.222	ng/ul#	87
49) Acenaphthene	15.03	153	154700	19.605	ng/ul	98
50) 2,4-Dinitrophenol	15.08	184	21276	18.300	ng/ul	98
52) 4-Nitrophenol	15.17	109	33857	18.934	ng/ul#	69
53) Dibenzofuran	15.37	168	220435	19.160	ng/ul	97
54) 2,4-Dinitrotoluene	15.32	165	62762	20.070	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.59	232	49498	19.889	ng/ul#	93
56) Diethylphthalate	15.76	149	222303	18.961	ng/ul	95
58) Fluorene	16.02	166	196821	19.323	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.00	204	105091	19.231	ng/ul	86
60) 4-Nitroaniline	16.03	138	42177	19.134	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.09	198	41005	19.469	ng/ul#	96
64) N-Nitrosodiphenylamine	16.21	169	165720	19.700	ng/ul	97
65) 4-Bromophenyl-phenylether	16.90	248	68845	20.033	ng/ul	97
66) Hexachlorobenzene	17.02	284	71283	19.484	ng/ul	95
67) Atrazine	17.15	200	71094	19.385	ng/ul	95
68) Pentachlorophenol	17.37	266	34044	18.372	ng/ul	91
69) Phenanthrene	17.76	178	315880	19.630	ng/ul	98
71) Anthracene	17.85	178	330771	20.112	ng/ul	98
72) Carbazole	18.12	167	286288	20.016	ng/ul	98
73) Di-n-butylphthalate	18.65	149	367295	20.629	ng/ul#	96
74) Fluoranthene	19.76	202	379904	19.427	ng/ul	98
77) Pyrene	20.12	202	395118	20.145	ng/ul	99
78) Butylbenzylphthalate	20.99	149	157565	21.444	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.93	252	126707	19.977	ng/ul#	96
80) Benzo(a)anthracene	22.03	228	375219	19.754	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.89	149	221636	21.210	ng/ul#	99
82) Chrysene	22.10	228	334299	19.542	ng/ul	99
84) Di-n-octyl phthalate	23.20	149	382497	20.717	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	358388	19.439	ng/ul#	97
86) Benzo(k)fluoranthene	24.51	252	357628	19.859	ng/ul#	94
88) Benzo(a)pyrene	25.40	252	348984	19.550	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.60	276	412152	19.717	ng/ul	98
90) Dibenzo(a,h)anthracene	29.66	278	348014	19.863	ng/ul#	95
91) Benzo(g,h,i)perylene	30.86	276	341835	19.878	ng/ul#	94

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

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