Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028410.D
Acq On : 22 Aug 2017 5:16
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02077

Quant Time: Aug 22 13:59:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	48818	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	226064	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	152787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	359846	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	398184	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	382378	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	8180	7.80	ng/uL	0.00
5) Phenol-d5	7.50	99	92902	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	57899	17.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	66860	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	74850	16.70	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	35134	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	40969	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	78043	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	91481	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	245705	18.08	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	290581	18.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	34694	16.06	ng/ul	0.00
57) Fluorene-d10	15.94	176	215782	17.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	43263	18.51	ng/ul	0.00
70) Anthracene-d10	17.80	188	330841	19.17	ng/ul	0.00
76) Pyrene-d10	20.07	212	365477	17.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	338585	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	8578	7.791	ng/uL	90
4) Benzaldehyde	7.49	77	60587	19.554	ng/ul	97
6) Phenol	7.52	94	92524	17.364	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.75	93	65595	18.072	ng/ul	94
10) 2-Chlorophenol	7.92	128	63084	19.139	ng/ul#	85
11) 2-Methylphenol	8.78	108	63862	16.979	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.86	45	134115	15.221	ng/ul	96
14) Acetophenone	9.16	105	111181	17.397	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.14	70	64615	17.790	ng/ul#	89
16) 4-Methylphenol	9.11	108	72720	17.123	ng/ul	90
17) Hexachloroethane	9.43	117	26671	19.527	ng/ul	93
20) Nitrobenzene	9.56	77	95366	18.636	ng/ul	93
21) Isophorone	10.07	82	172295	17.722	ng/ul	99
23) 2-Nitrophenol	10.27	139	39011	19.938	ng/ul#	85
24) 2,4-Dimethylphenol	10.31	107	90966	18.704	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.54	93	94041	17.758	ng/ul#	90
27) 2,4-Dichlorophenol	10.81	162	70263	19.248	ng/ul	93
28) Naphthalene	11.21	128	211102	18.854	ng/ul	97
30) 4-Chloroaniline	11.32	127	86699	20.037	ng/ul	94
31) Hexachlorobutadiene	11.48	225	55877	20.737	ng/ul	91
32) Caprolactam	12.07	113	24619	16.218	ng/ul	78
33) 4-Chloro-3-methylphenol	12.42	107	84895	18.220	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	165234	18.373	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	104202	21.159 ng/ul#	97
37) Hexachlorocyclopentadiene	13.13	237	48263	17.761 ng/ul	97
38) 2,4,6-Trichlorophenol	13.39	196	71009	23.134 ng/ul	98
39) 2,4,5-Trichlorophenol	13.48	196	71335	21.322 ng/ul	92
40) 1,1'-Biphenyl	13.78	154	220292	19.741 ng/ul	99
41) 2-Chloronaphthalene	13.83	162	170796	19.368 ng/ul	96
42) 2-Nitroaniline	14.03	65	66006	17.853 ng/ul	98
44) Dimethylphthalate	14.39	163	219847	17.570 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	47675	18.454 ng/ul	94
47) Acenaphthylene	14.67	152	276689	18.897 ng/ul	97
48) 3-Nitroaniline	14.86	138	42499	18.269 ng/ul#	97
49) Acenaphthene	15.02	153	187613	18.991 ng/ul	96
50) 2,4-Dinitrophenol	15.06	184	21693	14.903 ng/ul	90
52) 4-Nitrophenol	15.16	109	31386	14.019 ng/ul#	77
53) Dibenzofuran	15.34	168	266006	18.467 ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	69299	17.700 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.57	232	64627	20.741 ng/ul	98
56) Diethylphthalate	15.74	149	241243	16.435 ng/ul	98
58) Fluorene	16.00	166	227630	17.850 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.97	204	123487	18.049 ng/ul	86
60) 4-Nitroaniline	16.02	138	44575	16.151 ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.07	198	43018	18.149 ng/ul#	96
64) N-Nitrosodiphenylamine	16.19	169	190285	20.100 ng/ul	94
65) 4-Bromophenyl-phenylether	16.87	248	81146	20.981 ng/ul	89
66) Hexachlorobenzene	17.01	284	88358	21.460 ng/ul	95
67) Atrazine	17.13	200	76889	18.629 ng/ul	98
68) Pentachlorophenol	17.35	266	40321	19.334 ng/ul	94
69) Phenanthrene	17.74	178	336829	18.600 ng/ul	97
71) Anthracene	17.84	178	357717	19.327 ng/ul	100
72) Carbazole	18.11	167	294948	18.324 ng/ul	97
73) Di-n-butylphthalate	18.63	149	367088	18.320 ng/ul#	96
74) Fluoranthene	19.74	202	410864	18.668 ng/ul	99
77) Pyrene	20.10	202	425831	17.925 ng/ul	98
78) Butylbenzylphthalate	20.97	149	165849	18.635 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	155593	20.254 ng/ul	95
80) Benzo(a)anthracene	22.01	228	435287	18.920 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	233965	18.485 ng/ul	97
82) Chrysene	22.08	228	389988	18.822 ng/ul	98
84) Di-n-octyl phthalate	23.16	149	402759	17.576 ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	429079	18.752 ng/ul#	99
86) Benzo(k)fluoranthene	24.48	252	412797	18.469 ng/ul#	99
88) Benzo(a)pyrene	25.37	252	413371	18.658 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	501844	19.343 ng/ul	97
90) Dibenzo(a,h)anthracene	29.61	278	418262	19.234 ng/ul	93
91) Benzo(g,h,i)perylene	30.81	276	412165	19.311 ng/ul	98

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

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