Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028367.D
Acq On : 16 Aug 2017 6:36
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02072

Manual Integrations APPROVED
Sohil
8/16/2017 6:40:41 PM

Quant Time: Aug 16 09:26:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	45216	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	195369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	326775	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	349507	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	326750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	6159	6.34	ng/uL	0.00
5) Phenol-d5	7.51	99	82149	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	49598	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	59200	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	64879	15.63	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30136	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	35281	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	67846	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	80161	20.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	210999	17.64	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	260660	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	31189	16.40	ng/ul	0.00
57) Fluorene-d10	15.96	176	198531	18.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	38291	18.04	ng/ul	0.00
70) Anthracene-d10	17.81	188	298547m	19.05	ng/ul	0.00
76) Pyrene-d10	20.09	212	326383	18.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	294245	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	7946	7.791	ng/uL	91
4) Benzaldehyde	7.50	77	53335	18.585	ng/ul	86
6) Phenol	7.54	94	79177	16.043	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.76	93	55772	16.589	ng/ul	98
10) 2-Chlorophenol	7.92	128	55964	18.332	ng/ul	96
11) 2-Methylphenol	8.79	108	57942	16.633	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.88	45	118583	14.531	ng/ul	97
14) Acetophenone	9.18	105	94567	15.976	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.15	70	53323	15.850	ng/ul	88
16) 4-Methylphenol	9.12	108	62961	16.006	ng/ul	96
17) Hexachloroethane	9.45	117	23782	18.799	ng/ul	96
20) Nitrobenzene	9.57	77	80466	18.195	ng/ul	95
21) Isophorone	10.09	82	142140	16.918	ng/ul#	96
23) 2-Nitrophenol	10.28	139	34574	20.446	ng/ul	88
24) 2,4-Dimethylphenol	10.33	107	76258	18.144	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.56	93	80469	17.583	ng/ul	94
27) 2,4-Dichlorophenol	10.83	162	60729	19.250	ng/ul	96
28) Naphthalene	11.23	128	182180	18.828	ng/ul	99
30) 4-Chloroaniline	11.34	127	72637	19.425	ng/ul	94
31) Hexachlorobutadiene	11.50	225	46850	20.119	ng/ul	96
32) Caprolactam	12.08	113	22478	17.134	ng/ul	84
33) 4-Chloro-3-methylphenol	12.44	107	74817	18.579	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	142741	18.366	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	13.17	216	89635	20.678	ng/ul#	91
37) Hexachlorocyclopentadiene	13.14	237	32272	13.492	ng/ul	97
38) 2,4,6-Trichlorophenol	13.41	196	60335	22.332	ng/ul	94
39) 2,4,5-Trichlorophenol	13.49	196	62335m	21.167	ng/ul	
40) 1,1'-Biphenyl	13.80	154	188162	19.157	ng/ul	96
41) 2-Chloronaphthalene	13.85	162	148405	19.119	ng/ul	94
42) 2-Nitroaniline	14.05	65	57937	17.803	ng/ul	96
44) Dimethylphthalate	14.40	163	194115	17.625	ng/ul#	98
45) 2,6-Dinitrotoluene	14.53	165	43374	19.074	ng/ul	91
47) Acenaphthylene	14.69	152	245971	19.085	ng/ul	99
48) 3-Nitroaniline	14.87	138	38714	18.907	ng/ul#	89
49) Acenaphthene	15.03	153	162605	18.699	ng/ul	98
50) 2,4-Dinitrophenol	15.09	184	20713	16.167	ng/ul#	68
52) 4-Nitrophenol	15.18	109	29285	14.861	ng/ul#	84
53) Dibenzofuran	15.36	168	233428	18.411	ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	64606	18.747	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.59	232	53049	19.342	ng/ul	95
56) Diethylphthalate	15.75	149	214927	16.635	ng/ul	98
58) Fluorene	16.01	166	200285	17.843	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.99	204	111195	18.464	ng/ul#	85
60) 4-Nitroaniline	16.03	138	41450	17.063	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.09	198	38063	17.683	ng/ul#	95
64) N-Nitrosodiphenylamine	16.21	169	172576	20.074	ng/ul	93
65) 4-Bromophenyl-phenylether	16.89	248	71717	20.420	ng/ul	96
66) Hexachlorobenzene	17.02	284	75607	20.222	ng/ul	96
67) Atrazine	17.15	200	70990	18.940	ng/ul	97
68) Pentachlorophenol	17.37	266	32952	17.400	ng/ul	93
69) Phenanthrene	17.76	178	307887	18.722	ng/ul	99
71) Anthracene	17.85	178	322204	19.170	ng/ul	98
72) Carbazole	18.12	167	269798	18.457	ng/ul	99
73) Di-n-butylphthalate	18.64	149	337957	18.573	ng/ul#	97
74) Fluoranthene	19.76	202	365344	18.280	ng/ul	99
77) Pyrene	20.11	202	385015	18.464	ng/ul	98
78) Butylbenzylphthalate	20.98	149	151345	19.374	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.93	252	137144	20.338	ng/ul	94
80) Benzo(a)anthracene	22.02	228	388363	19.231	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	209639	18.870	ng/ul	98
82) Chrysene	22.10	228	346784	19.067	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	366492	18.716	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	371437	18.996	ng/ul#	99
86) Benzo(k)fluoranthene	24.51	252	370104	19.378	ng/ul	98
88) Benzo(a)pyrene	25.40	252	364250	19.240	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.60	276	395885	17.857	ng/ul	98
90) Dibenzo(a,h)anthracene	29.66	278	338953	18.241	ng/ul	96
91) Benzo(g,h,i)perylene	30.87	276	287114	15.742	ng/ul	97

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

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