Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028109.D
Acq On : 2 Aug 2017 15:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02093

Manual Integrations APPROVED
Sohil
8/3/2017 8:29:20 PM

Quant Time: Aug 02 16:48:53 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	30679	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	146730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	113920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	294296	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	322144	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	295666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	4537	6.89	ng/uL	0.00
5) Phenol-d5	7.50	99	62812	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	40803	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	41082	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	53285	18.92	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	22890	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25917	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	49624	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	63764	22.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	190653	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	217425	19.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	30147	18.71	ng/ul	0.00
57) Fluorene-d10	15.96	176	169028	18.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	36072	18.87	ng/ul	0.00
70) Anthracene-d10	17.82	188	287836	20.40	ng/ul	0.00
76) Pyrene-d10	20.09	212	324757	19.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	274056	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	5609	8.106	ng/uL#	92
4) Benzaldehyde	7.50	77	40026	20.556	ng/ul	95
6) Phenol	7.53	94	62752	18.740	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.77	93	45150	19.793	ng/ul	94
10) 2-Chlorophenol	7.93	128	40461	19.534	ng/ul	98
11) 2-Methylphenol	8.79	108	44881	18.988	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.89	45	105874	19.121	ng/ul#	94
14) Acetophenone	9.18	105	74977	18.669	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.16	70	44383	19.444	ng/ul	98
16) 4-Methylphenol	9.12	108	50674	18.987	ng/ul	92
17) Hexachloroethane	9.46	117	15670	18.256	ng/ul#	89
20) Nitrobenzene	9.57	77	64997	19.569	ng/ul	98
21) Isophorone	10.09	82	125493	19.888	ng/ul#	95
23) 2-Nitrophenol	10.29	139	25774	20.295	ng/ul#	85
24) 2,4-Dimethylphenol	10.33	107	61194	19.386	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	66253	19.276	ng/ul	94
27) 2,4-Dichlorophenol	10.82	162	44827	18.919	ng/ul	95
28) Naphthalene	11.24	128	142362	19.590	ng/ul	97
30) 4-Chloroaniline	11.34	127	62756	22.345	ng/ul	99
31) Hexachlorobutadiene	11.51	225	33902	19.384	ng/ul#	83
32) Caprolactam	12.09	113	19894	20.191	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.43	107	60121	19.879	ng/ul	99
34) 2-Methylnaphthalene	12.82	142	113525	19.449	ng/ul	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	68847	18.749	ng/ul	96
37) Hexachlorocyclopentadiene	13.15	237	35336	17.440	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.41	196	44617	19.495	ng/ul	98
39) 2,4,5-Trichlorophenol	13.49	196	48135	19.296	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	157352	18.912	ng/ul	95
41) 2-Chloronaphthalene	13.86	162	122042	18.561	ng/ul	95
42) 2-Nitroaniline	14.06	65	54081	19.618	ng/ul	95
44) Dimethylphthalate	14.41	163	178689	19.153	ng/ul	100
45) 2,6-Dinitrotoluene	14.54	165	37503	19.470	ng/ul	97
47) Acenaphthylene	14.70	152	203505	18.641	ng/ul	98
48) 3-Nitroaniline	14.87	138	35546	20.494	ng/ul#	99
49) Acenaphthene	15.04	153	140283	19.044	ng/ul	98
50) 2,4-Dinitrophenol	15.08	184	18357	16.914	ng/ul	91
52) 4-Nitrophenol	15.17	109	30584	18.322	ng/ul#	75
53) Dibenzofuran	15.37	168	202898	18.892	ng/ul	99
54) 2,4-Dinitrotoluene	15.32	165	56996	19.525	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.59	232	44373	19.099	ng/ul#	89
56) Diethylphthalate	15.76	149	200626	18.331	ng/ul	98
58) Fluorene	16.01	166	180268	18.959	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	94632	18.550	ng/ul	89
60) 4-Nitroaniline	16.04	138	39141	19.021	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	16.09	198	37410	19.298	ng/ul#	98
64) N-Nitrosodiphenylamine	16.21	169	152581	19.707	ng/ul	98
65) 4-Bromophenyl-phenylether	16.89	248	64493	20.389	ng/ul	91
66) Hexachlorobenzene	17.02	284	66563	19.768	ng/ul	93
67) Atrazine	17.15	200	67697	20.055	ng/ul	95
68) Pentachlorophenol	17.37	266	29224	17.134	ng/ul	95
69) Phenanthrene	17.76	178	293907	19.844	ng/ul	99
71) Anthracene	17.86	178	303223	20.032	ng/ul	97
72) Carbazole	18.12	167	262475	19.938	ng/ul	97
73) Di-n-butylphthalate	18.65	149	337403	20.589	ng/ul	97
74) Fluoranthene	19.76	202	361469	20.082	ng/ul	98
77) Pyrene	20.12	202	379761	19.759	ng/ul	97
78) Butylbenzylphthalate	20.99	149	143282	19.900	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.93	252	123899	19.935	ng/ul#	97
80) Benzo(a)anthracene	22.03	228	371468	19.957	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.89	149	200890	19.618	ng/ul	99
82) Chrysene	22.10	228	333667	19.905	ng/ul	98
84) Di-n-octyl phthalate	23.20	149	341361	19.266	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	342510	19.359	ng/ul#	99
86) Benzo(k)fluoranthene	24.51	252	350545m	20.283	ng/ul	
88) Benzo(a)pyrene	25.40	252	340879	19.899	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.58	276	397154	19.797	ng/ul	97
90) Dibenzo(a,h)anthracene	29.66	278	338864	20.153	ng/ul	97
91) Benzo(g,h,i)perylene	30.84	276	327440	19.840	ng/ul#	95

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

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