Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
Data File : BG028197.D
Acq On : 8 Aug 2017 19:43
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
Sohil
8/9/2017 7:19:00 PM

Quant Time: Aug 09 02:27:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37654	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	168687	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	131163	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	347839m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	367599	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	345263	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	6299	7.79	ng/uL	0.00
5) Phenol-d5	7.50	99	71011	17.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	48295	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	50970	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	59309	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	25832	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	31036	21.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	59794	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	74426	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	229975	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	255936	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	37267	20.09	ng/ul	0.00
57) Fluorene-d10	15.95	176	202853	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42890	18.98	ng/ul	0.00
70) Anthracene-d10	17.81	188	324164	19.43	ng/ul	0.00
76) Pyrene-d10	20.09	212	370932	19.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	318201	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	7762	9.140	ng/uL#	85
4) Benzaldehyde	7.49	77	47412	19.839	ng/ul	89
6) Phenol	7.53	94	73031	17.770	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.76	93	51274	18.314	ng/ul	87
10) 2-Chlorophenol	7.92	128	48101	18.921	ng/ul	98
11) 2-Methylphenol	8.78	108	53449	18.424	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.88	45	125905	18.526	ng/ul#	89
14) Acetophenone	9.17	105	90530	18.366	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.15	70	52553	18.759	ng/ul	96
16) 4-Methylphenol	9.11	108	59091	18.040	ng/ul	98
17) Hexachloroethane	9.45	117	20458	19.419	ng/ul	98
20) Nitrobenzene	9.56	77	75122	19.674	ng/ul	93
21) Isophorone	10.08	82	146369	20.177	ng/ul	97
23) 2-Nitrophenol	10.28	139	30910	21.171	ng/ul	94
24) 2,4-Dimethylphenol	10.32	107	71987	19.837	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.56	93	78993	19.991	ng/ul	97
27) 2,4-Dichlorophenol	10.81	162	52856	19.404	ng/ul	97
28) Naphthalene	11.23	128	168238	20.137	ng/ul	97
30) 4-Chloroaniline	11.33	127	70932	21.969	ng/ul	94
31) Hexachlorobutadiene	11.50	225	41689	20.734	ng/ul	87
32) Caprolactam	12.08	113	23627	20.859	ng/ul	83
33) 4-Chloro-3-methylphenol	12.42	107	72717	20.914	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	134598	20.058	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.16	216	82092	19.417	ng/ul	91
37) Hexachlorocyclopentadiene	13.15	237	41417	17.754	ng/ul	93
38) 2,4,6-Trichlorophenol	13.41	196	54617	20.727	ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	56590	19.703	ng/ul	96
40) 1,1'-Biphenyl	13.80	154	185203	19.333	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	143936	19.013	ng/ul	97
42) 2-Nitroaniline	14.05	65	64674	20.376	ng/ul	94
44) Dimethylphthalate	14.40	163	203899	18.982	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	45850	20.674	ng/ul	97
47) Acenaphthylene	14.69	152	242068	19.258	ng/ul	98
48) 3-Nitroaniline	14.86	138	41935	20.999	ng/ul#	93
49) Acenaphthene	15.03	153	161615	19.056	ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	23940	19.159	ng/ul	91
52) 4-Nitrophenol	15.16	109	36820	19.158	ng/ul#	73
53) Dibenzofuran	15.36	168	238734	19.307	ng/ul	94
54) 2,4-Dinitrotoluene	15.31	165	70936	21.105	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.58	232	54943	20.540	ng/ul#	94
56) Diethylphthalate	15.76	149	241002	19.125	ng/ul	98
58) Fluorene	16.01	166	213307	19.484	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	113417	19.310	ng/ul	88
60) 4-Nitroaniline	16.03	138	46841	19.770	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	16.08	198	42550m	18.571	ng/ul	
64) N-Nitrosodiphenylamine	16.20	169	178339	19.488	ng/ul	96
65) 4-Bromophenyl-phenylether	16.89	248	73576	19.680	ng/ul	92
66) Hexachlorobenzene	17.01	284	78392	19.697	ng/ul	98
67) Atrazine	17.14	200	75830	19.006	ng/ul	99
68) Pentachlorophenol	17.37	266	34831	17.278	ng/ul	94
69) Phenanthrene	17.75	178	338783m	19.353	ng/ul	
71) Anthracene	17.85	178	352986	19.730	ng/ul	99
72) Carbazole	18.11	167	301977	19.408	ng/ul	97
73) Di-n-butylphthalate	18.64	149	375331	19.378	ng/ul#	98
74) Fluoranthene	19.75	202	414378	19.478	ng/ul	99
77) Pyrene	20.11	202	429347	19.577	ng/ul	99
78) Butylbenzylphthalate	20.98	149	168271	20.480	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.92	252	139161	19.622	ng/ul#	97
80) Benzo(a)anthracene	22.02	228	422441	19.889	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	231649	19.825	ng/ul#	98
82) Chrysene	22.09	228	379428	19.836	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	396376	19.157	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	409032m	19.797	ng/ul	
86) Benzo(k)fluoranthene	24.50	252	401292	19.884	ng/ul	98
88) Benzo(a)pyrene	25.38	252	393422	19.667	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.57	276	460254	19.647	ng/ul#	96
90) Dibenzo(a,h)anthracene	29.63	278	383186	19.515	ng/ul#	97
91) Benzo(g,h,i)perylene	30.83	276	380442	19.741	ng/ul#	97

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

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