Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022084.D
Acq On : 26 May 2016 17:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
sohil
5/27/2016 7:40:51 PM

Quant Time: May 27 05:48:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	204663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	124218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	262824	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	224117	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	218094	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5577	7.37	ng/uL	0.00
5) Phenol-d5	7.31	99	66780	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	34470	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	57969	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	58635	19.41	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	30199	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	33221	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	59340	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	68151	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	179797	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	246269	18.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	32063	19.96	ng/ul	0.00
57) Fluorene-d10	15.77	176	171043	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	26759	19.48	ng/ul	0.00
70) Anthracene-d10	17.62	188	238659	18.92	ng/ul	0.00
76) Pyrene-d10	19.90	212	231741	18.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	187449	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	10599	7.73	ng/uL	95
4) Benzaldehyde	7.29	77	26822	13.67	ng/ul	99
6) Phenol	7.34	94	66997	18.68	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	50322	19.20	ng/ul	95
10) 2-Chlorophenol	7.72	128	57795	19.69	ng/ul	95
11) 2-Methylphenol	8.60	108	54530	19.03	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.68	45	58987	18.84	ng/ul	96
14) Acetophenone	8.98	105	84006	19.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.96	70	43542	19.96	ng/ul	98
16) 4-Methylphenol	8.93	108	60526	19.60	ng/ul	94
17) Hexachloroethane	9.24	117	21621	18.48	ng/ul	90
20) Nitrobenzene	9.36	77	59064	19.33	ng/ul	94
21) Isophorone	9.89	82	125304	19.24	ng/ul	99
23) 2-Nitrophenol	10.08	139	35228	20.61	ng/ul	97
24) 2,4-Dimethylphenol	10.14	107	64493	19.55	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.36	93	73964	19.79	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	57744	20.40	ng/ul	98
28) Naphthalene	11.02	128	201327	19.40	ng/ul	98
30) 4-Chloroaniline	11.13	127	67564	21.40	ng/ul	98
31) Hexachlorobutadiene	11.30	225	32386	19.41	ng/ul	95
32) Caprolactam	11.89	113	24184m	21.32	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	61587	20.43	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	145909	19.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	66895	18.16	ng/ul	95
37) Hexachlorocyclopentadiene	12.95	237	27636	17.41	ng/ul#	91
38) 2,4,6-Trichlorophenol	13.22	196	46540	18.70	ng/ul	96
39) 2,4,5-Trichlorophenol	13.30	196	49019	18.56	ng/ul	95
40) 1,1'-Biphenyl	13.62	154	190245	18.60	ng/ul	98
41) 2-Chloronaphthalene	13.66	162	146890	18.70	ng/ul	98
42) 2-Nitroaniline	13.87	65	34130	19.27	ng/ul	99
44) Dimethylphthalate	14.22	163	180726	19.28	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	40832	20.30	ng/ul	97
47) Acenaphthylene	14.50	152	249095	18.77	ng/ul	99
48) 3-Nitroaniline	14.69	138	33628	17.45	ng/ul	96
49) Acenaphthene	14.84	153	170244	18.57	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	14736	18.92	ng/ul#	84
52) 4-Nitrophenol	15.00	109	17901	19.76	ng/ul	92
53) Dibenzofuran	15.17	168	222091	19.59	ng/ul	98
54) 2,4-Dinitrotoluene	15.14	165	55458	20.45	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.40	232	40380	19.34	ng/ul	97
56) Diethylphthalate	15.58	149	190137	19.55	ng/ul	99
58) Fluorene	15.83	166	184475	19.28	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.81	204	84642	19.64	ng/ul	98
60) 4-Nitroaniline	15.85	138	34084	16.11	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.91	198	26852	18.89	ng/ul#	97
64) N-Nitrosodiphenylamine	16.02	169	152326	18.33	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	50344	18.95	ng/ul	92
66) Hexachlorobenzene	16.83	284	57230	18.56	ng/ul	97
67) Atrazine	16.96	200	55046	19.23	ng/ul	96
68) Pentachlorophenol	17.18	266	23973	14.93	ng/ul	98
69) Phenanthrene	17.56	178	276376	18.90	ng/ul	100
71) Anthracene	17.66	178	276915	18.70	ng/ul	99
72) Carbazole	17.93	167	246030	19.17	ng/ul	99
73) Di-n-butylphthalate	18.46	149	327376	19.04	ng/ul	99
74) Fluoranthene	19.57	202	285546	19.11	ng/ul	99
77) Pyrene	19.93	202	290380	18.41	ng/ul	99
78) Butylbenzylphthalate	20.79	149	137147	18.35	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.69	252	76005	18.05	ng/ul	97
80) Benzo(a)anthracene	21.78	228	241657	18.39	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.66	149	191457	18.00	ng/ul	97
82) Chrysene	21.85	228	218081	17.30	ng/ul	97
84) Di-n-octyl phthalate	22.90	149	323217	18.19	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	238367	18.68	ng/ul	99
86) Benzo(k)fluoranthene	24.14	252	214245	17.25	ng/ul	96
88) Benzo(a)pyrene	24.97	252	222301	18.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.95	276	261243	18.50	ng/ul	98
90) Dibenzo(a,h)anthracene	29.00	278	211442	17.90	ng/ul	97
91) Benzo(g,h,i)perylene	30.13	276	214627	18.98	ng/ul	96

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

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