Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022072.D
Acq On : 26 May 2016 9:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 04:31:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02018

Manual Integrations APPROVED
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5/27/2016 7:40:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	34652	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	186598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	111891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	226696	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	178121	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	171252	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4881	7.34	ng/uL	-0.02
5) Phenol-d5	7.31	99	60423	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	30904	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	50379	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	53253	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	26529	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	30363	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	53732	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	60340	21.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	163335	19.43	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	222160	18.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	24964	17.25	ng/ul	0.00
57) Fluorene-d10	15.77	176	150897	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	24572	20.74	ng/ul	0.00
70) Anthracene-d10	17.62	188	202493	18.61	ng/ul	0.00
76) Pyrene-d10	19.90	212	193556	19.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	147613	18.58	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	9254	7.68	ng/uL	96
4) Benzaldehyde	7.29	77	23554	13.65	ng/ul	96
6) Phenol	7.34	94	59356	18.82	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.56	93	44922	19.50	ng/ul	97
10) 2-Chlorophenol	7.71	128	50765	19.68	ng/ul	97
11) 2-Methylphenol	8.60	108	50469	20.04	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.68	45	53912	19.59	ng/ul#	96
14) Acetophenone	8.98	105	75225	20.25	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.95	70	39281	20.49	ng/ul	97
16) 4-Methylphenol	8.93	108	55265	20.35	ng/ul	99
17) Hexachloroethane	9.24	117	19492	18.96	ng/ul	98
20) Nitrobenzene	9.37	77	54391	19.53	ng/ul	97
21) Isophorone	9.88	82	114782	19.33	ng/ul	97
23) 2-Nitrophenol	10.08	139	31834	20.43	ng/ul	97
24) 2,4-Dimethylphenol	10.14	107	59087	19.65	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.36	93	67405	19.78	ng/ul	99
27) 2,4-Dichlorophenol	10.62	162	50785	19.68	ng/ul	98
28) Naphthalene	11.03	128	182127	19.25	ng/ul	97
30) 4-Chloroaniline	11.13	127	57452	19.96	ng/ul	97
31) Hexachlorobutadiene	11.30	225	28567	18.77	ng/ul	94
32) Caprolactam	11.89	113	21295	20.59	ng/ul	93
33) 4-Chloro-3-methylphenol	12.25	107	56693	20.63	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	135510	20.04	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	60521	18.24	ng/ul	94
37) Hexachlorocyclopentadiene	12.96	237	25838	18.07	ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	42423	18.93	ng/ul	93
39) 2,4,5-Trichlorophenol	13.30	196	47890	20.14	ng/ul	90
40) 1,1'-Biphenyl	13.61	154	174306	18.92	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	132427	18.71	ng/ul	98
42) 2-Nitroaniline	13.87	65	30053	18.84	ng/ul	99
44) Dimethylphthalate	14.22	163	160542	19.01	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	35346	19.51	ng/ul	92
47) Acenaphthylene	14.51	152	226572	18.95	ng/ul	99
48) 3-Nitroaniline	14.69	138	29931	17.25	ng/ul	100
49) Acenaphthene	14.84	153	154850	18.75	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	13373	19.06	ng/ul	95
52) 4-Nitrophenol	15.01	109	15571	19.08	ng/ul	89
53) Dibenzofuran	15.18	168	197720	19.36	ng/ul	97
54) 2,4-Dinitrotoluene	15.14	165	48093	19.69	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.41	232	35282	18.76	ng/ul	90
56) Diethylphthalate	15.58	149	169891	19.39	ng/ul	99
58) Fluorene	15.82	166	166500	19.32	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	75326	19.40	ng/ul	99
60) 4-Nitroaniline	15.85	138	29898	15.69	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.90	198	24819	20.24	ng/ul#	99
64) N-Nitrosodiphenylamine	16.02	169	139204	19.42	ng/ul	98
65) 4-Bromophenyl-phenylether	16.70	248	44212	19.30	ng/ul	93
66) Hexachlorobenzene	16.83	284	48206	18.12	ng/ul	99
67) Atrazine	16.96	200	47417	19.21	ng/ul	99
68) Pentachlorophenol	17.17	266	19689	14.22	ng/ul	96
69) Phenanthrene	17.57	178	242906	19.26	ng/ul	99
71) Anthracene	17.66	178	242504	18.99	ng/ul	99
72) Carbazole	17.93	167	207598	18.75	ng/ul	99
73) Di-n-butylphthalate	18.46	149	279225	18.82	ng/ul	100
74) Fluoranthene	19.57	202	241827	18.77	ng/ul	99
77) Pyrene	19.93	202	239506	19.11	ng/ul	98
78) Butylbenzylphthalate	20.79	149	111933	18.85	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.69	252	60022	17.93	ng/ul	99
80) Benzo(a)anthracene	21.78	228	194347	18.60	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	153647	18.18	ng/ul	98
82) Chrysene	21.85	228	178017	17.77	ng/ul	97
84) Di-n-octyl phthalate	22.90	149	261292	18.73	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	186115	18.57	ng/ul	98
86) Benzo(k)fluoranthene	24.13	252	181046	18.56	ng/ul	97
88) Benzo(a)pyrene	24.97	252	176084	18.21	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	28.95	276	211725	19.10	ng/ul	96
90) Dibenzo(a,h)anthracene	29.00	278	173132	18.66	ng/ul	99
91) Benzo(g,h,i)perylene	30.14	276	179767m	20.24	ng/ul	

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

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