Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024931.D
Acq On : 24 Nov 2016 6:54
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
sohil
11/28/2016 4:50:41 PM

Quant Time: Nov 24 07:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	121202	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	523472	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	413135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	915014m	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1134707m	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1186125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	19300	7.55	ng/uL	0.00
5) Phenol-d5	7.39	99	233792	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	137959	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	160054	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	187384	19.43	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	86650	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	100506	20.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	200255	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	231039	21.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	621169	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	699237	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	104099	19.48	ng/ul	0.00
57) Fluorene-d10	15.86	176	581523	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	121564	18.72	ng/ul	0.00
70) Anthracene-d10	17.71	188	867635	20.84	ng/ul	0.00
76) Pyrene-d10	19.98	212	1036140	20.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1117405	21.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	21395	7.07	ng/uL	93
4) Benzaldehyde	7.38	77	168978	23.50	ng/ul	97
6) Phenol	7.41	94	233955	20.25	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.66	93	164532	20.05	ng/ul	95
10) 2-Chlorophenol	7.81	128	157990	20.53	ng/ul	91
11) 2-Methylphenol	8.68	108	172120	20.18	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.77	45	290605	20.73	ng/ul	99
14) Acetophenone	9.08	105	277781	19.84	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.05	70	161279	19.45	ng/ul#	82
16) 4-Methylphenol	9.01	108	180500	19.27	ng/ul	99
17) Hexachloroethane	9.34	117	70415	20.08	ng/ul	91
20) Nitrobenzene	9.47	77	248739	20.62	ng/ul	98
21) Isophorone	9.99	82	451177	19.72	ng/ul	96
23) 2-Nitrophenol	10.18	139	103393	20.29	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	232177	19.71	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.46	93	242918	20.14	ng/ul	94
27) 2,4-Dichlorophenol	10.72	162	188056	19.77	ng/ul	97
28) Naphthalene	11.13	128	510322	19.96	ng/ul	97
30) 4-Chloroaniline	11.23	127	231383	21.99	ng/ul	95
31) Hexachlorobutadiene	11.39	225	162233	21.46	ng/ul	98
32) Caprolactam	12.00	113	72238	19.76	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.33	107	224068	18.92	ng/ul	95
34) 2-Methylnaphthalene	12.71	142	413475	19.85	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	287326	22.01	ng/ul	98
37) Hexachlorocyclopentadiene	13.04	237	146310	18.25	ng/ul	95
38) 2,4,6-Trichlorophenol	13.31	196	181900	21.73	ng/ul	94
39) 2,4,5-Trichlorophenol	13.38	196	201534	21.24	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	563530	21.21	ng/ul	97
41) 2-Chloronaphthalene	13.75	162	445969	21.27	ng/ul	97
42) 2-Nitroaniline	13.95	65	175837	20.58	ng/ul	94
44) Dimethylphthalate	14.31	163	585740	19.69	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	132388	20.41	ng/ul#	93
47) Acenaphthylene	14.59	152	685375	21.20	ng/ul	98
48) 3-Nitroaniline	14.78	138	126825	21.94	ng/ul#	96
49) Acenaphthene	14.93	153	476263	21.43	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	76832	17.27	ng/ul#	84
52) 4-Nitrophenol	15.06	109	122346	19.63	ng/ul	98
53) Dibenzofuran	15.26	168	715229	20.74	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	191354	19.95	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.48	232	196875	20.44	ng/ul#	93
56) Diethylphthalate	15.66	149	605384	19.88	ng/ul	98
58) Fluorene	15.91	166	575327	20.33	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.89	204	325050	20.73	ng/ul#	81
60) 4-Nitroaniline	15.93	138	136427	21.54	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.99	198	125175m	19.08	ng/ul	
64) N-Nitrosodiphenylamine	16.11	169	533796	20.90	ng/ul	96
65) 4-Bromophenyl-phenylether	16.79	248	239019	21.08	ng/ul	98
66) Hexachlorobenzene	16.91	284	274517	21.55	ng/ul	95
67) Atrazine	17.04	200	241425	20.90	ng/ul	93
68) Pentachlorophenol	17.26	266	157530	21.27	ng/ul	97
69) Phenanthrene	17.66	178	969739m	20.60	ng/ul	
71) Anthracene	17.74	178	1001185	20.67	ng/ul	97
72) Carbazole	18.01	167	876002	21.88	ng/ul	97
73) Di-n-butylphthalate	18.54	149	1038232	20.83	ng/ul	98
74) Fluoranthene	19.65	202	1200425	22.11	ng/ul	98
77) Pyrene	20.01	202	1179377	20.05	ng/ul	98
78) Butylbenzylphthalate	20.87	149	477169	20.68	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.79	252	485278	22.71	ng/ul	98
80) Benzo(a)anthracene	21.89	228	1321773m	21.20	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.74	149	672103	20.73	ng/ul	98
82) Chrysene	21.96	228	1217323	20.70	ng/ul	97
84) Di-n-octyl phthalate	23.01	149	1169631	22.01	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1305971	20.64	ng/ul	99
86) Benzo(k)fluoranthene	24.30	252	1277337	21.10	ng/ul	100
88) Benzo(a)pyrene	25.16	252	1278043	20.78	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.25	276	1592650	21.12	ng/ul	99
90) Dibenzo(a,h)anthracene	29.31	278	1335303	21.23	ng/ul	95
91) Benzo(g,h,i)perylene	30.49	276	1318728	21.24	ng/ul	96

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

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