Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
Data File : BG024313.D
Acq On : 12 Oct 2016 22:41
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
10/13/2016 1:55:11 PM

Quant Time: Oct 13 01:59:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 01:34:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	162552	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	742402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	613901	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1275899	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1404343	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1471870	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	26906	7.86	ng/uL	0.00
5) Phenol-d5	7.41	99	302291	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	198134	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	214969	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	257175	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	110580	20.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	130043	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	258221	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	304401	22.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	866240	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	1013430	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	144930	19.07	ng/ul	0.00
57) Fluorene-d10	15.89	176	833308	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	165212	21.55	ng/ul	0.00
70) Anthracene-d10	17.74	188	1198852m	20.80	ng/ul	0.00
76) Pyrene-d10	20.01	212	1342858	20.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1340770	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	32087	8.65	ng/uL#	91
4) Benzaldehyde	7.42	77	227416	21.31	ng/ul	92
6) Phenol	7.44	94	316925	20.59	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.70	93	229657	20.27	ng/ul	93
10) 2-Chlorophenol	7.84	128	204741	19.34	ng/ul	95
11) 2-Methylphenol	8.71	108	234892	20.60	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.82	45	447064	19.76	ng/ul	98
14) Acetophenone	9.11	105	381221	20.94	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.09	70	231344	21.07	ng/ul#	91
16) 4-Methylphenol	9.04	108	246066	20.35	ng/ul	92
17) Hexachloroethane	9.38	117	92121	18.82	ng/ul	97
20) Nitrobenzene	9.51	77	345153	20.70	ng/ul	98
21) Isophorone	10.03	82	623223	20.56	ng/ul#	97
23) 2-Nitrophenol	10.22	139	132586	20.64	ng/ul	91
24) 2,4-Dimethylphenol	10.26	107	320076	20.22	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.50	93	329480	19.83	ng/ul	94
27) 2,4-Dichlorophenol	10.75	162	258974	21.04	ng/ul	94
28) Naphthalene	11.17	128	726723	20.33	ng/ul	98
30) 4-Chloroaniline	11.27	127	305346	22.31	ng/ul	95
31) Hexachlorobutadiene	11.44	225	208523	21.15	ng/ul	93
32) Caprolactam	12.03	113	94047	20.10	ng/ul	94
33) 4-Chloro-3-methylphenol	12.36	107	311029	20.65	ng/ul	95
34) 2-Methylnaphthalene	12.75	142	581851	20.47	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	391767	21.64	ng/ul	93
37) Hexachlorocyclopentadiene	13.08	237	256907	19.35	ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	246470m	21.00	ng/ul	
39) 2,4,5-Trichlorophenol	13.41	196	261392	20.26	ng/ul	95
40) 1,1'-Biphenyl	13.74	154	814022	20.47	ng/ul#	97
41) 2-Chloronaphthalene	13.79	162	633280	20.32	ng/ul	96
42) 2-Nitroaniline	13.99	65	262428	22.12	ng/ul	93
44) Dimethylphthalate	14.34	163	831752	19.79	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	176193	21.61	ng/ul	90
47) Acenaphthylene	14.63	152	972213	20.57	ng/ul	98
48) 3-Nitroaniline	14.81	138	167581	21.75	ng/ul#	86
49) Acenaphthene	14.97	153	683731	20.24	ng/ul	99
50) 2,4-Dinitrophenol	15.01	184	116929	21.38	ng/ul#	83
52) 4-Nitrophenol	15.08	109	179277	19.47	ng/ul	90
53) Dibenzofuran	15.30	168	1010697	20.33	ng/ul	97
54) 2,4-Dinitrotoluene	15.25	165	255760	21.17	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.52	232	267639	21.14	ng/ul#	99
56) Diethylphthalate	15.70	149	889710	20.08	ng/ul	97
58) Fluorene	15.95	166	825099	20.08	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.93	204	457622	20.06	ng/ul	91
60) 4-Nitroaniline	15.96	138	173905	19.60	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.01	198	177494	22.08	ng/ul#	93
64) N-Nitrosodiphenylamine	16.15	169	744716	20.64	ng/ul	96
65) 4-Bromophenyl-phenylether	16.82	248	311442	21.08	ng/ul	95
66) Hexachlorobenzene	16.94	284	346209	21.00	ng/ul	98
67) Atrazine	17.08	200	314305	21.29	ng/ul	97
68) Pentachlorophenol	17.28	266	215497	21.50	ng/ul	96
69) Phenanthrene	17.68	178	1313275	20.39	ng/ul	97
71) Anthracene	17.78	178	1345949	20.53	ng/ul	100
72) Carbazole	18.04	167	1139454	22.14	ng/ul	95
73) Di-n-butylphthalate	18.58	149	1347745	21.42	ng/ul	99
74) Fluoranthene	19.68	202	1547519	23.78	ng/ul	99
77) Pyrene	20.04	202	1518929	20.25	ng/ul	99
78) Butylbenzylphthalate	20.90	149	617197	20.48	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.83	252	576154	22.03	ng/ul#	91
80) Benzo(a)anthracene	21.92	228	1635197	20.98	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	870054	20.41	ng/ul	97
82) Chrysene	21.99	228	1533488	20.67	ng/ul	98
84) Di-n-octyl phthalate	23.08	149	1474197	21.35	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1635867m	20.02	ng/ul	
86) Benzo(k)fluoranthene	24.35	252	1593670	20.25	ng/ul	100
88) Benzo(a)pyrene	25.23	252	1584858	20.36	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.35	276	1994707	21.64	ng/ul	99
90) Dibenzo(a,h)anthracene	29.41	278	1649715	21.16	ng/ul	99
91) Benzo(g,h,i)perylene	30.59	276	1625942	20.97	ng/ul	100

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

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