Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025169.D
Acq On : 14 Dec 2016 9:33
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
sohil
12/15/2016 5:43:50 PM

Quant Time: Dec 15 03:32:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	115895	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	505969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	404685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	832284	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	922395	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	925430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	14287	6.37	ng/uL	0.00
5) Phenol-d5	7.39	99	192396	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	128035	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	140202	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	161477	19.33	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	70008	19.54	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	88939	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	174432	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	202977	24.04	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	543441	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	645265	21.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	82875	17.32	ng/ul	0.00
57) Fluorene-d10	15.85	176	509345	19.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	95902	18.64	ng/ul	0.01
70) Anthracene-d10	17.70	188	703614	20.03	ng/ul	0.00
76) Pyrene-d10	19.98	212	781461	20.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	791591	21.11	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	19183	6.56	ng/uL	94
4) Benzaldehyde	7.37	77	156331	20.77	ng/ul	97
6) Phenol	7.41	94	207116	20.18	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.64	93	144519	19.25	ng/ul	96
10) 2-Chlorophenol	7.80	128	139289	19.82	ng/ul	92
11) 2-Methylphenol	8.68	108	148249	19.62	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.76	45	284399	22.27	ng/ul	98
14) Acetophenone	9.07	105	244974	19.27	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.04	70	147555	20.09	ng/ul#	91
16) 4-Methylphenol	9.01	108	168197	20.01	ng/ul	89
17) Hexachloroethane	9.32	117	65336	20.98	ng/ul#	82
20) Nitrobenzene	9.46	77	225614	20.49	ng/ul	98
21) Isophorone	9.98	82	413023	19.82	ng/ul	97
23) 2-Nitrophenol	10.18	139	88451	19.52	ng/ul	94
24) 2,4-Dimethylphenol	10.22	107	206053	19.89	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.45	93	219882	20.71	ng/ul	97
27) 2,4-Dichlorophenol	10.72	162	169533	20.33	ng/ul	95
28) Naphthalene	11.12	128	461316	19.61	ng/ul	98
30) 4-Chloroaniline	11.23	127	192385	22.29	ng/ul	92
31) Hexachlorobutadiene	11.38	225	139423	19.44	ng/ul	89
32) Caprolactam	11.99	113	61251	17.68	ng/ul	93
33) 4-Chloro-3-methylphenol	12.33	107	205330	19.97	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	369508	19.91	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	260101	21.32 ng/ul#	93
37) Hexachlorocyclopentadiene	13.03	237	132409	18.49 ng/ul	94
38) 2,4,6-Trichlorophenol	13.31	196	157790	20.59 ng/ul	90
39) 2,4,5-Trichlorophenol	13.38	196	177326	21.12 ng/ul	96
40) 1,1'-Biphenyl	13.70	154	514733	20.98 ng/ul#	98
41) 2-Chloronaphthalene	13.75	162	404951	20.73 ng/ul	97
42) 2-Nitroaniline	13.96	65	167963	21.97 ng/ul	95
44) Dimethylphthalate	14.30	163	524569	19.18 ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	117090	19.92 ng/ul#	96
47) Acenaphthylene	14.59	152	611598	20.63 ng/ul	99
48) 3-Nitroaniline	14.78	138	111910	21.98 ng/ul#	82
49) Acenaphthene	14.93	153	434925	21.42 ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	58280	15.26 ng/ul	88
52) 4-Nitrophenol	15.08	109	100836	17.52 ng/ul	99
53) Dibenzofuran	15.26	168	645684	20.10 ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	167408	18.90 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.48	232	170257	19.19 ng/ul	95
56) Diethylphthalate	15.65	149	549710	18.98 ng/ul	96
58) Fluorene	15.90	166	514782	19.69 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	281670	19.13 ng/ul	87
60) 4-Nitroaniline	15.93	138	108920	17.74 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.99	198	103479	19.41 ng/ul#	97
64) N-Nitrosodiphenylamine	16.10	169	464908	21.71 ng/ul	94
65) 4-Bromophenyl-phenylether	16.78	248	195133	20.76 ng/ul	87
66) Hexachlorobenzene	16.90	284	218905	20.68 ng/ul	97
67) Atrazine	17.04	200	203578	20.00 ng/ul	94
68) Pentachlorophenol	17.26	266	111718	17.58 ng/ul	93
69) Phenanthrene	17.65	178	827672	20.84 ng/ul	98
71) Anthracene	17.74	178	831715	20.37 ng/ul	98
72) Carbazole	18.01	167	720442	21.14 ng/ul	98
73) Di-n-butylphthalate	18.52	149	847808	19.71 ng/ul	99
74) Fluoranthene	19.64	202	927524	19.65 ng/ul	98
77) Pyrene	20.01	202	915647	20.65 ng/ul	98
78) Butylbenzylphthalate	20.86	149	356195	20.52 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.79	252	368357	22.91 ng/ul	99
80) Benzo(a)anthracene	21.88	228	959531	20.02 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	509105	21.31 ng/ul	99
82) Chrysene	21.95	228	926762	20.67 ng/ul	98
84) Di-n-octyl phthalate	23.00	149	908020	24.17 ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	968781	21.11 ng/ul	97
86) Benzo(k)fluoranthene	24.29	252	940563	21.56 ng/ul	99
88) Benzo(a)pyrene	25.16	252	907038	20.56 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	1158486m	21.13 ng/ul	
90) Dibenzo(a,h)anthracene	29.32	278	969145m	20.98 ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	929246m	20.31 ng/ul	

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

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