Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024434.D
Acq On : 19 Oct 2016 00:30
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
sohil
10/19/2016 7:02:12 PM

Quant Time: Oct 19 03:19:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 02:09:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	128491	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	592771	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	498572	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	968421	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1076278	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1094549	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	20084m	7.42	ng/uL	0.00
5) Phenol-d5	7.41	99	256766	21.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	159179	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	180060	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	205479	21.20	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	89851	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	110553	23.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	222465	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	245209	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	701928	20.16	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	834937	20.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	121864	19.74	ng/ul	0.00
57) Fluorene-d10	15.88	176	683971	20.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	125222	21.52	ng/ul	0.00
70) Anthracene-d10	17.74	188	945893	21.62	ng/ul	0.00
76) Pyrene-d10	20.01	212	1054069	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1055816	21.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	21556	7.35	ng/uL#	86
4) Benzaldehyde	7.41	77	194864	23.10	ng/ul	87
6) Phenol	7.44	94	257832	21.19	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.69	93	185952	20.76	ng/ul	94
10) 2-Chlorophenol	7.84	128	174511	20.86	ng/ul	89
11) 2-Methylphenol	8.71	108	189737	21.05	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.81	45	334096	18.68	ng/ul	96
14) Acetophenone	9.11	105	312579	21.72	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.08	70	183845	21.18	ng/ul	88
16) 4-Methylphenol	9.04	108	213742	22.36	ng/ul	95
17) Hexachloroethane	9.38	117	78661	20.33	ng/ul	86
20) Nitrobenzene	9.50	77	284737	21.39	ng/ul	97
21) Isophorone	10.02	82	515002	21.28	ng/ul	98
23) 2-Nitrophenol	10.22	139	115005	22.42	ng/ul	92
24) 2,4-Dimethylphenol	10.25	107	263695	20.86	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.50	93	276010	20.81	ng/ul	95
27) 2,4-Dichlorophenol	10.75	162	214879	21.87	ng/ul	93
28) Naphthalene	11.16	128	611092	21.41	ng/ul	99
30) 4-Chloroaniline	11.26	127	241221	22.07	ng/ul	92
31) Hexachlorobutadiene	11.43	225	179257	22.77	ng/ul	88
32) Caprolactam	12.03	113	74555	19.96	ng/ul	88
33) 4-Chloro-3-methylphenol	12.35	107	254298	21.14	ng/ul	95
34) 2-Methylnaphthalene	12.75	142	473485	20.87	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	326479	22.21	ng/ul	93
37) Hexachlorocyclopentadiene	13.07	237	210432	19.52	ng/ul	98
38) 2,4,6-Trichlorophenol	13.34	196	214373	22.49	ng/ul	98
39) 2,4,5-Trichlorophenol	13.41	196	229964m	21.95	ng/ul	
40) 1,1'-Biphenyl	13.74	154	671644	20.80	ng/ul	96
41) 2-Chloronaphthalene	13.78	162	518574	20.49	ng/ul#	94
42) 2-Nitroaniline	13.98	65	205194	21.30	ng/ul	97
44) Dimethylphthalate	14.34	163	686267	20.10	ng/ul	99
45) 2,6-Dinitrotoluene	14.46	165	144169	21.77	ng/ul	91
47) Acenaphthylene	14.62	152	789323	20.57	ng/ul	99
48) 3-Nitroaniline	14.80	138	139156	22.24	ng/ul#	87
49) Acenaphthene	14.96	153	557506	20.32	ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	90145	20.29	ng/ul#	80
52) 4-Nitrophenol	15.08	109	143759	19.22	ng/ul	82
53) Dibenzofuran	15.29	168	836643	20.73	ng/ul	100
54) 2,4-Dinitrotoluene	15.25	165	214681	21.88	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.51	232	217039	21.11	ng/ul	97
56) Diethylphthalate	15.69	149	709686	19.72	ng/ul	98
58) Fluorene	15.94	166	667227	19.99	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.92	204	368380	19.89	ng/ul	91
60) 4-Nitroaniline	15.96	138	144069	19.99	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.00	198	132942	21.79	ng/ul#	98
64) N-Nitrosodiphenylamine	16.14	169	605031	22.09	ng/ul	94
65) 4-Bromophenyl-phenylether	16.82	248	261324	23.30	ng/ul	94
66) Hexachlorobenzene	16.94	284	286610	22.90	ng/ul	95
67) Atrazine	17.07	200	262699	23.45	ng/ul	98
68) Pentachlorophenol	17.28	266	169970	22.35	ng/ul	92
69) Phenanthrene	17.68	178	1047267	21.42	ng/ul	98
71) Anthracene	17.77	178	1062124	21.34	ng/ul	98
72) Carbazole	18.04	167	907480	23.24	ng/ul	99
73) Di-n-butylphthalate	18.57	149	1090829	22.84	ng/ul	98
74) Fluoranthene	19.68	202	1191127	24.12	ng/ul	99
77) Pyrene	20.03	202	1199237	20.86	ng/ul	99
78) Butylbenzylphthalate	20.90	149	489921	21.21	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.82	252	453882	22.64	ng/ul#	96
80) Benzo(a)anthracene	21.91	228	1282087	21.47	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.78	149	698368	21.38	ng/ul	98
82) Chrysene	21.99	228	1204071	21.18	ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1165077	22.69	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1269378	20.89	ng/ul	98
86) Benzo(k)fluoranthene	24.35	252	1213416	20.73	ng/ul	99
88) Benzo(a)pyrene	25.22	252	1245816m	21.53	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.33	276	1547656m	22.58	ng/ul	
90) Dibenzo(a,h)anthracene	29.40	278	1274795	21.99	ng/ul	95
91) Benzo(g,h,i)perylene	30.56	276	1262362	21.90	ng/ul	98

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

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