Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023531.D
Acq On : 8 Aug 2016 10:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
umangi
8/9/2016 6:50:31 AM

Quant Time: Aug 09 02:10:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 01 04:44:16 2004
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	135832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	649684	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	470585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1161469	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1164218	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1161301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	24103	7.54	ng/uL	0.00
5) Phenol-d5	7.27	99	283629	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	185726	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	205994	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	222211	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	104573	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	121261	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	221916	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	301381	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	792116	20.56	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	919118	21.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	142788	21.71	ng/ul	0.00
57) Fluorene-d10	15.77	176	735023	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	149125	20.01	ng/ul	0.00
70) Anthracene-d10	17.64	188	1143696	21.86	ng/ul	0.00
76) Pyrene-d10	19.93	212	1250701	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1109627	21.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	27361	8.16	ng/uL#	80
4) Benzaldehyde	7.24	77	191603	22.97	ng/ul	86
6) Phenol	7.30	94	295147	20.71	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.53	93	220935	21.36	ng/ul	88
10) 2-Chlorophenol	7.68	128	198421	20.87	ng/ul#	86
11) 2-Methylphenol	8.56	108	214708	20.01	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.65	45	312907	22.11	ng/ul	96
14) Acetophenone	8.94	105	364965	21.30	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.92	70	217186	21.07	ng/ul#	86
16) 4-Methylphenol	8.89	108	241358	20.07	ng/ul	86
17) Hexachloroethane	9.21	117	82324	20.07	ng/ul#	83
20) Nitrobenzene	9.34	77	309077	20.59	ng/ul#	86
21) Isophorone	9.85	82	578623	20.96	ng/ul	94
23) 2-Nitrophenol	10.05	139	134373	21.16	ng/ul#	76
24) 2,4-Dimethylphenol	10.11	107	285769	20.51	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	334625	21.01	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	231064	20.65	ng/ul	97
28) Naphthalene	11.00	128	695646	21.09	ng/ul	99
30) 4-Chloroaniline	11.10	127	299436	23.18	ng/ul	96
31) Hexachlorobutadiene	11.27	225	155049	20.81	ng/ul	93
32) Caprolactam	11.87	113	88960	19.15	ng/ul#	42
33) 4-Chloro-3-methylphenol	12.23	107	285885	19.86	ng/ul	85
34) 2-Methylnaphthalene	12.60	142	561656	21.00	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	313377	21.69	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	157212	19.67	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	209687	20.95	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	213938	19.94	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	736895	21.31	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	586722	21.82	ng/ul	98
42) 2-Nitroaniline	13.86	65	233834m	21.30	ng/ul	
44) Dimethylphthalate	14.22	163	790977	20.73	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	172850	20.90	ng/ul#	84
47) Acenaphthylene	14.51	152	973388	21.46	ng/ul	98
48) 3-Nitroaniline	14.69	138	173177	22.27	ng/ul#	63
49) Acenaphthene	14.85	153	649941	21.03	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	92944	18.21	ng/ul#	89
52) 4-Nitrophenol	15.00	109	129268	19.62	ng/ul#	78
53) Dibenzofuran	15.18	168	967627	21.13	ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	259997	20.74	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.41	232	219648	19.93	ng/ul#	97
56) Diethylphthalate	15.59	149	817543	20.50	ng/ul	96
58) Fluorene	15.83	166	777135	20.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	401224	20.91	ng/ul	98
60) 4-Nitroaniline	15.86	138	186741m	20.71	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	160407	20.51	ng/ul#	81
64) N-Nitrosodiphenylamine	16.03	169	717401	22.10	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	278772	20.93	ng/ul	96
66) Hexachlorobenzene	16.84	284	301550	21.25	ng/ul	98
67) Atrazine	16.98	200	293294	21.88	ng/ul	98
68) Pentachlorophenol	17.19	266	159755	20.41	ng/ul	89
69) Phenanthrene	17.58	178	1297592	21.57	ng/ul	96
71) Anthracene	17.68	178	1342631	21.88	ng/ul	96
72) Carbazole	17.95	167	1156377	23.38	ng/ul	97
73) Di-n-butylphthalate	18.49	149	1382436	22.32	ng/ul#	95
74) Fluoranthene	19.60	202	1501957	24.39	ng/ul#	94
77) Pyrene	19.96	202	1522252	21.15	ng/ul#	94
78) Butylbenzylphthalate	20.83	149	615604	22.30	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.75	252	487007	23.74	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	1418831	21.64	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.71	149	832615	22.68	ng/ul#	97
82) Chrysene	21.90	228	1280133	21.47	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	1397476	23.83	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1394425	21.11	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	1371266	21.09	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1349519	21.16	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	1580741	21.09	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.16	278	1332192	20.84	ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1305414	21.01	ng/ul#	86

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

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