Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
Data File : BG015565.D
Acq On : 1 Dec 2014 18:17
Operator : TP/JJ
Sample : SSTD02031
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02031

Manual Integrations APPROVED
mohammad
12/3/2014 8:21:28 AM

Quant Time: Dec 02 02:09:14 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	75854	20.00	ng/ul	0.00
16) Naphthalene-d8	10.55	136	289760	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.39	164	211532	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.14	188	514629	20.00	ng/ul	-0.01
73) Chrysene-d12	21.32	240	657694	20.00	ng/ul	0.00
81) Perylene-d12	23.60	264	611518	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) Phenol-d5	6.93	99	144039	17.55	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.10	67	80215	15.86	ng/ul	0.00
7) 2-Chlorophenol-d4	7.29	132	93411	18.54	ng/ul	0.00
11) 4-Methylphenol-d8	8.46	113	100701	17.34	ng/ul	0.00
17) Nitrobenzene-d5	8.91	128	45552	19.43	ng/ul	0.00
20) 2-Nitrophenol-d4	9.63	143	52621	21.46	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.16	165	96824	21.18	ng/ul	0.00
27) 4-Chloroaniline-d4	10.69	131	122759	21.29	ng/ul	0.00
41) Dimethylphthalate-d6	13.81	166	304271	20.35	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	356335	19.98	ng/ul	0.00
49) 4-Nitrophenol-d4	14.59	143	60553	23.75	ng/ul	0.00
55) Fluorene-d10	15.39	176	271577	19.69	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.50	200	69582	25.29	ng/ul	0.00
68) Anthracene-d10	17.24	188	488119	20.20	ng/ul	0.00
74) Pyrene-d10	19.53	212	579027	20.62	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.45	264	555101	20.08	ng/ul	-0.02
Target Compounds						Qvalue
2) Benzaldehyde	6.90	77	108788	18.27	ng/ul	95
4) Phenol	6.95	94	154950	17.96	ng/ul	90
6) Bis(2-Chloroethyl)ether	7.18	93	119360	18.01	ng/ul	87
8) 2-Chlorophenol	7.33	128	90949	18.03	ng/ul	96
9) 2-Methylphenol	8.20	108	108991	17.40	ng/ul	99
10) 2,2'-oxybis(1-Chloropropan	8.30	45	87277	15.99	ng/ul	99
12) Acetophenone	8.58	105	160169	17.01	ng/ul	95
13) N-Nitroso-di-n-propylamine	8.57	70	109205	16.26	ng/ul#	93
14) 4-Methylphenol	8.52	108	122449	17.98	ng/ul	88
15) Hexachloroethane	8.83	117	50550	18.10	ng/ul	96
18) Nitrobenzene	8.96	77	147187	17.68	ng/ul	96
19) Isophorone	9.48	82	280332	17.93	ng/ul#	94
21) 2-Nitrophenol	9.66	139	55036	21.48	ng/ul	89
22) 2,4-Dimethylphenol	9.72	107	151764	19.45	ng/ul	96
23) Bis(2-Chloroethoxy)methane	9.96	93	148493	18.15	ng/ul#	94
25) 2,4-Dichlorophenol	10.19	162	95060	20.01	ng/ul	89
26) Naphthalene	10.60	128	308089	20.73	ng/ul	97
28) 4-Chloroaniline	10.70	127	122084	21.24	ng/ul	100
29) Hexachlorobutadiene	10.88	225	91550	20.93	ng/ul	92
30) Caprolactam	11.46	113	45163m	19.57	ng/ul	
31) 4-Chloro-3-methylphenol	11.83	107	137292	19.53	ng/ul	95
32) 2-Methylnaphthalene	12.21	142	222726	19.89	ng/ul	97
34) 1,2,4,5-Tetrachlorobenzene	12.58	216	137730	20.01	ng/ul	96
35) Hexachlorocyclopentadiene	12.56	237	109710	20.00	ng/ul#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.82	196	92170	22.25	ng/ul	93
37) 2,4,5-Trichlorophenol	12.89	196	94950	21.23	ng/ul	88
38) 1,1'-Biphenyl	13.23	154	304326	20.09	ng/ul#	95
39) 2-Chloronaphthalene	13.27	162	234763	20.04	ng/ul	97
40) 2-Nitroaniline	13.47	65	91593	19.17	ng/ul	91
42) Dimethylphthalate	13.85	163	315927	20.51	ng/ul	99
43) 2,6-Dinitrotoluene	13.97	165	66058	21.95	ng/ul#	95
45) Acenaphthylene	14.12	152	402262	20.82	ng/ul	96
46) 3-Nitroaniline	14.30	138	70597	23.71	ng/ul#	92
47) Acenaphthene	14.46	153	246994	19.33	ng/ul	97
48) 2,4-Dinitrophenol	14.50	184	48188	28.69	ng/ul	93
50) 4-Nitrophenol	14.61	109	84309	23.12	ng/ul	93
51) Dibenzofuran	14.79	168	385514	20.49	ng/ul	95
52) 2,4-Dinitrotoluene	14.76	165	102118	23.68	ng/ul#	80
53) 2,3,4,6-Tetrachlorophenol	15.02	232	106061	25.92	ng/ul#	91
54) Diethylphthalate	15.22	149	347112	20.11	ng/ul	98
56) Fluorene	15.45	166	307617	20.07	ng/ul	95
57) 4-Chlorophenyl-phenylether	15.44	204	189136	19.58	ng/ul	94
58) 4-Nitroaniline	15.46	138	74560	20.97	ng/ul	91
61) 4,6-Dinitro-2-methylphenol	15.52	198	71831	25.02	ng/ul#	92
62) N-Nitrosodiphenylamine	15.66	169	298865	19.90	ng/ul	95
63) 4-Bromophenyl-phenylether	16.33	248	127496	20.09	ng/ul	94
64) Hexachlorobenzene	16.44	284	133410	21.33	ng/ul	95
65) Atrazine	16.60	200	128948	19.63	ng/ul	99
66) Pentachlorophenol	16.79	266	89724	29.55	ng/ul#	85
67) Phenanthrene	17.18	178	525729	19.98	ng/ul	99
69) Anthracene	17.27	178	539717	20.31	ng/ul	97
70) Carbazole	17.54	167	520390	20.26	ng/ul	99
71) Di-n-butylphthalate	18.11	149	640309	20.23	ng/ul	99
72) Fluoranthene	19.20	202	743150	21.01	ng/ul#	95
75) Pyrene	19.56	202	767881	20.96	ng/ul	97
76) Butylbenzylphthalate	20.46	149	319212	19.51	ng/ul	86
77) 3,3'-Dichlorobenzidine	21.24	252	289246	20.67	ng/ul	96
78) Benzo(a)anthracene	21.30	228	775877	20.47	ng/ul	98
79) Bis(2-ethylhexyl)phthalate	21.24	149	426111	19.40	ng/ul	96
80) Chrysene	21.36	228	721120	20.96	ng/ul	95
82) Di-n-octyl phthalate	22.13	149	700520	19.96	ng/ul	100
83) Benzo(b)fluoranthene	22.91	252	748226	20.42	ng/ul	99
84) Benzo(k)fluoranthene	22.96	252	708103	20.44	ng/ul	97
86) Benzo(a)pyrene	23.50	252	716333	20.46	ng/ul	96
87) Indeno(1,2,3-cd)pyrene	25.92	276	814316	20.25	ng/ul#	92
88) Dibenzo(a,h)anthracene	25.94	278	698345	20.76	ng/ul	100
89) Benzo(g,h,i)perylene	26.64	276	662750	20.27	ng/ul	96

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

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