Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024257.D
Acq On : 11 Oct 2016 2:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Oct 11 11:40:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	126935	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	574706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	502405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1183329	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1298689	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1320528	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	23087	8.64	ng/uL	0.00
5) Phenol-d5	7.42	99	249289	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	160279	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	167785	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	201396	21.04	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	86056	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	101519	22.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	206856	20.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	251846	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	739587	21.08	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	846322	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	140338	22.56	ng/ul	0.00
57) Fluorene-d10	15.90	176	703702	21.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	150468	21.16	ng/ul	0.00
70) Anthracene-d10	17.75	188	1106344	20.70	ng/ul	0.00
76) Pyrene-d10	20.01	212	1258909	20.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1229449	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	26198	9.05	ng/uL#	63
4) Benzaldehyde	7.43	77	186891	22.42	ng/ul#	79
6) Phenol	7.45	94	257943	21.46	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.70	93	181197	20.48	ng/ul#	78
10) 2-Chlorophenol	7.85	128	170549	20.64	ng/ul#	79
11) 2-Methylphenol	8.72	108	188497	21.17	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.82	45	362399	20.51	ng/ul#	89
14) Acetophenone	9.12	105	308508	21.70	ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.10	70	184043	21.47	ng/ul#	64
16) 4-Methylphenol	9.05	108	203529	21.55	ng/ul	99
17) Hexachloroethane	9.39	117	75829	19.84	ng/ul	85
20) Nitrobenzene	9.51	77	272796	21.14	ng/ul#	77
21) Isophorone	10.03	82	518164	22.09	ng/ul#	91
23) 2-Nitrophenol	10.22	139	66220	13.32	ng/ul#	31
24) 2,4-Dimethylphenol	10.26	107	253081	20.65	ng/ul	84
25) Bis(2-Chloroethoxy)methane	10.51	93	262626	20.42	ng/ul	99
27) 2,4-Dichlorophenol	10.75	162	195102	20.48	ng/ul	98
28) Naphthalene	11.17	128	564989	20.42	ng/ul	97
30) 4-Chloroaniline	11.28	127	242092	22.85	ng/ul	95
31) Hexachlorobutadiene	11.44	225	156090	20.45	ng/ul	96
32) Caprolactam	12.04	113	35197	9.72	ng/ul#	9
33) 4-Chloro-3-methylphenol	12.36	107	256602	22.01	ng/ul#	74
34) 2-Methylnaphthalene	12.76	142	459768	20.90	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	302283	20.40	ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	210448	19.37	ng/ul	97
38) 2,4,6-Trichlorophenol	13.35	196	193636	20.16	ng/ul	92
39) 2,4,5-Trichlorophenol	13.41	196	212391	20.12	ng/ul	99
40) 1,1'-Biphenyl	13.75	154	653885	20.10	ng/ul	92
41) 2-Chloronaphthalene	13.80	162	519749	20.38	ng/ul	98
42) 2-Nitroaniline	13.99	65	220978	22.76	ng/ul#	61
44) Dimethylphthalate	14.35	163	741556	21.56	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	151900	22.76	ng/ul#	82
47) Acenaphthylene	14.64	152	814489	21.06	ng/ul	99
48) 3-Nitroaniline	14.81	138	146071	23.17	ng/ul#	55
49) Acenaphthene	14.97	153	579811	20.98	ng/ul	99
50) 2,4-Dinitrophenol	15.00	184	106000	23.68	ng/ul#	48
52) 4-Nitrophenol	15.09	109	167275	22.20	ng/ul#	64
53) Dibenzofuran	15.30	168	855846	21.04	ng/ul#	85
54) 2,4-Dinitrotoluene	15.26	165	227848	23.04	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.52	232	227732	21.98	ng/ul#	98
56) Diethylphthalate	15.70	149	787492	21.72	ng/ul	96
58) Fluorene	15.95	166	715218	21.26	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.94	204	381381	20.43	ng/ul	94
60) 4-Nitroaniline	15.97	138	162751	22.41	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	16.01	198	161146	21.62	ng/ul#	82
64) N-Nitrosodiphenylamine	16.15	169	676704	20.22	ng/ul	94
65) 4-Bromophenyl-phenylether	16.83	248	281193	20.52	ng/ul	93
66) Hexachlorobenzene	16.95	284	312729	20.45	ng/ul#	92
67) Atrazine	17.08	200	292188	21.34	ng/ul	97
68) Pentachlorophenol	17.29	266	208333	22.41	ng/ul	96
69) Phenanthrene	17.69	178	1237790	20.72	ng/ul	99
71) Anthracene	17.78	178	1256588	20.66	ng/ul	97
72) Carbazole	18.05	167	1091143	22.86	ng/ul	97
73) Di-n-butylphthalate	18.58	149	1277646	21.89	ng/ul#	95
74) Fluoranthene	19.69	202	1474816	24.44	ng/ul#	86
77) Pyrene	20.05	202	1445738	20.84	ng/ul#	84
78) Butylbenzylphthalate	20.91	149	578050	20.74	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.84	252	526724	21.78	ng/ul#	96
80) Benzo(a)anthracene	21.93	228	1508318	20.93	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.80	149	801320	20.33	ng/ul#	99
82) Chrysene	22.00	228	1396236	20.35	ng/ul	98
84) Di-n-octyl phthalate	23.09	149	1383823	22.34	ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1512010	20.62	ng/ul#	90
86) Benzo(k)fluoranthene	24.37	252	1443724	20.44	ng/ul#	89
88) Benzo(a)pyrene	25.24	252	1428828	20.46	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.37	276	1761869	21.30	ng/ul#	79
90) Dibenzo(a,h)anthracene	29.44	278	1468649	21.00	ng/ul#	88
91) Benzo(g,h,i)perylene	30.61	276	1434190	20.62	ng/ul#	80

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

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