Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
Data File : BG024907.D
Acq On : 23 Nov 2016 13:37
Operator : UM/SJ
Sample : SSTD16031
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16031

Quant Time: Nov 23 14:37:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	78365	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	357306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	296627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	661057	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	816016	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	812027	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	96727	63.96	ng/uL	0.00
5) Phenol-d5	7.40	99	1212454	180.59	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	709731	168.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.78	132	840479	174.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.96	113	1011573	179.44	ng/ul	0.01
19) Nitrobenzene-d5	9.44	128	452516	167.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	551819	170.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	1072509	166.84	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	903736	125.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	3029123	140.05	ng/ul	0.02
46) Acenaphthylene-d8	14.58	160	3363120	142.70	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	604184	156.98	ng/ul	0.03
57) Fluorene-d10	15.86	176	2872893	141.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	779108	171.43	ng/ul	0.02
70) Anthracene-d10	17.72	188	3835319	131.35	ng/ul	0.01
76) Pyrene-d10	19.99	212	4334331	122.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	5524297	155.41	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	105651	55.74	ng/uL#	90
4) Benzaldehyde	7.39	77	321733	74.39	ng/ul	96
6) Phenol	7.43	94	1222907	174.38	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.67	93	843102	168.90	ng/ul	95
10) 2-Chlorophenol	7.81	128	825102	177.19	ng/ul	93
11) 2-Methylphenol	8.69	108	931611	181.33	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.78	45	1389987	164.02	ng/ul#	94
14) Acetophenone	9.09	105	1462086	172.23	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.08	70	857606	177.77	ng/ul#	90
16) 4-Methylphenol	9.04	108	998033	179.58	ng/ul	95
17) Hexachloroethane	9.34	117	354843	166.46	ng/ul	94
20) Nitrobenzene	9.48	77	1253696	156.08	ng/ul	96
21) Isophorone	10.01	82	2316305	154.61	ng/ul	98
23) 2-Nitrophenol	10.19	139	557648	170.90	ng/ul#	85
24) 2,4-Dimethylphenol	10.23	107	1219939	157.45	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.48	93	1248520	158.71	ng/ul	92
27) 2,4-Dichlorophenol	10.72	162	1008415	163.70	ng/ul	96
28) Naphthalene	11.13	128	2532734	147.79	ng/ul#	95
30) 4-Chloroaniline	11.24	127	891202	128.65	ng/ul	95
31) Hexachlorobutadiene	11.39	225	799239	147.79	ng/ul	92
32) Caprolactam	12.06	113	263630	108.57	ng/ul	99
33) 4-Chloro-3-methylphenol	12.35	107	1212573	162.56	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	2048547	151.90	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	1489066	154.71 ng/ul	97
37) Hexachlorocyclopentadiene	13.04	237	1025711	165.36 ng/ul	98
38) 2,4,6-Trichlorophenol	13.32	196	995782	170.09 ng/ul	91
39) 2,4,5-Trichlorophenol	13.40	196	1068245	167.91 ng/ul	96
40) 1,1'-Biphenyl	13.71	154	2690758	140.95 ng/ul	89
41) 2-Chloronaphthalene	13.77	162	2238248	150.90 ng/ul#	90
42) 2-Nitroaniline	13.97	65	973313	165.43 ng/ul	97
44) Dimethylphthalate	14.32	163	2844652	137.10 ng/ul#	94
45) 2,6-Dinitrotoluene	14.46	165	743220	170.41 ng/ul#	96
47) Acenaphthylene	14.61	152	3166012	138.77 ng/ul#	88
48) 3-Nitroaniline	14.79	138	602466	149.48 ng/ul#	94
49) Acenaphthene	14.94	153	2404259	148.87 ng/ul	97
50) 2,4-Dinitrophenol	14.99	184	581793	186.42 ng/ul	85
52) 4-Nitrophenol	15.10	109	710431	154.18 ng/ul	93
53) Dibenzofuran	15.28	168	3315365	134.19 ng/ul	87
54) 2,4-Dinitrotoluene	15.25	165	1049076	159.05 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.49	232	1099040	166.02 ng/ul#	98
56) Diethylphthalate	15.68	149	2927558	132.81 ng/ul#	84
58) Fluorene	15.92	166	2821946	140.68 ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.90	204	1681874	148.28 ng/ul	92
60) 4-Nitroaniline	15.97	138	726706	158.52 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	16.01	198	790623	171.55 ng/ul#	95
64) N-Nitrosodiphenylamine	16.12	169	2603400	145.77 ng/ul	95
65) 4-Bromophenyl-phenylether	16.80	248	1274681	158.56 ng/ul	95
66) Hexachlorobenzene	16.92	284	1415424	159.10 ng/ul	98
67) Atrazine	17.06	200	1213874	144.97 ng/ul	99
68) Pentachlorophenol	17.26	266	907814	172.86 ng/ul	94
69) Phenanthrene	17.66	178	4171451	126.58 ng/ul#	81
71) Anthracene	17.76	178	4057309	119.03 ng/ul#	76
72) Carbazole	18.03	167	3781289	135.24 ng/ul#	83
73) Di-n-butylphthalate	18.54	149	3932252	111.61 ng/ul#	83
74) Fluoranthene	19.65	202	4571619	119.43 ng/ul#	85
77) Pyrene	20.02	202	4458650	111.17 ng/ul#	80
78) Butylbenzylphthalate	20.88	149	2317803	141.18 ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.80	252	2062909	131.46 ng/ul	91
80) Benzo(a)anthracene	21.90	228	5376662	121.08 ng/ul#	70
81) Bis(2-ethylhexyl)phthalate	21.75	149	3029336	134.87 ng/ul#	81
82) Chrysene	21.97	228	4929527	118.40 ng/ul#	69
84) Di-n-octyl phthalate	23.02	149	4885395	142.12 ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	6225477	145.53 ng/ul#	86
86) Benzo(k)fluoranthene	24.33	252	5582021	137.36 ng/ul#	85
88) Benzo(a)pyrene	25.21	252	5971281	144.23 ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.31	276	8372087	161.73 ng/ul	96
90) Dibenzo(a,h)anthracene	29.39	278	6729092	156.00 ng/ul	96
91) Benzo(g,h,i)perylene	30.58	276	6754792	158.44 ng/ul	94

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

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