Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024373.D
Acq On : 15 Oct 2016 5:04
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02029

Quant Time: Oct 15 05:42:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 15 05:09:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	164088	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	731631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	593418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1285473	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1450407	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1537326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	26341	7.62	ng/uL	0.00
5) Phenol-d5	7.41	99	304100	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	192084	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	210944	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	247871	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	119057	22.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	129453	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	263774	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	313492	23.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	853323	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	1012484	21.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	151628	20.64	ng/ul	0.00
57) Fluorene-d10	15.89	176	825631	21.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	173282	22.43	ng/ul	0.00
70) Anthracene-d10	17.74	188	1175080	20.24	ng/ul	0.00
76) Pyrene-d10	20.01	212	1361790	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1426421	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	28088	7.50	ng/uL#	87
4) Benzaldehyde	7.41	77	237745	22.07	ng/ul	98
6) Phenol	7.44	94	313725	20.19	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.69	93	227663	19.90	ng/ul	91
10) 2-Chlorophenol	7.84	128	203271	19.03	ng/ul	90
11) 2-Methylphenol	8.71	108	232168	20.17	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.81	45	418633	18.33	ng/ul#	96
14) Acetophenone	9.11	105	370829	20.18	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.09	70	229969	20.75	ng/ul#	91
16) 4-Methylphenol	9.04	108	252137	20.66	ng/ul	97
17) Hexachloroethane	9.38	117	93260	18.87	ng/ul	92
20) Nitrobenzene	9.50	77	340501	20.72	ng/ul	96
21) Isophorone	10.02	82	613889	20.56	ng/ul	97
23) 2-Nitrophenol	10.22	139	134800	21.29	ng/ul	93
24) 2,4-Dimethylphenol	10.25	107	323570	20.74	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.50	93	336011	20.52	ng/ul	95
27) 2,4-Dichlorophenol	10.75	162	255113	21.03	ng/ul	97
28) Naphthalene	11.16	128	699509	19.85	ng/ul	99
30) 4-Chloroaniline	11.26	127	308328	22.86	ng/ul	93
31) Hexachlorobutadiene	11.43	225	212348	21.86	ng/ul	93
32) Caprolactam	12.03	113	92767	20.12	ng/ul	91
33) 4-Chloro-3-methylphenol	12.36	107	315613	21.26	ng/ul	98
34) 2-Methylnaphthalene	12.74	142	576944	20.60	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	383213	21.90	ng/ul	96
37) Hexachlorocyclopentadiene	13.08	237	259805	20.25	ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	242987	21.41	ng/ul	91
39) 2,4,5-Trichlorophenol	13.40	196	269458	21.61	ng/ul	99
40) 1,1'-Biphenyl	13.74	154	798163	20.77	ng/ul	98
41) 2-Chloronaphthalene	13.79	162	625756	20.77	ng/ul	98
42) 2-Nitroaniline	13.98	65	250484	21.85	ng/ul	96
44) Dimethylphthalate	14.34	163	843221	20.75	ng/ul	96
45) 2,6-Dinitrotoluene	14.47	165	184799	23.44	ng/ul	90
47) Acenaphthylene	14.62	152	956553	20.94	ng/ul	99
48) 3-Nitroaniline	14.80	138	173929	23.35	ng/ul#	87
49) Acenaphthene	14.96	153	675269	20.68	ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	121572	22.99	ng/ul	86
52) 4-Nitrophenol	15.08	109	184336	20.71	ng/ul#	86
53) Dibenzofuran	15.29	168	1009120	21.00	ng/ul	97
54) 2,4-Dinitrotoluene	15.25	165	269953	23.11	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.51	232	278594	22.76	ng/ul#	97
56) Diethylphthalate	15.69	149	862451	20.14	ng/ul	96
58) Fluorene	15.94	166	821922	20.69	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.92	204	464952	21.09	ng/ul	86
60) 4-Nitroaniline	15.96	138	177837	20.74	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.00	198	175615	21.69	ng/ul#	97
64) N-Nitrosodiphenylamine	16.14	169	758084	20.85	ng/ul	95
65) 4-Bromophenyl-phenylether	16.82	248	324567	21.80	ng/ul	96
66) Hexachlorobenzene	16.94	284	364329	21.93	ng/ul	95
67) Atrazine	17.07	200	323240	21.74	ng/ul	98
68) Pentachlorophenol	17.27	266	214289	21.22	ng/ul	92
69) Phenanthrene	17.68	178	1322816	20.38	ng/ul	99
71) Anthracene	17.77	178	1378441	20.87	ng/ul	97
72) Carbazole	18.04	167	1182170	22.80	ng/ul	97
73) Di-n-butylphthalate	18.57	149	1385628	21.85	ng/ul	98
74) Fluoranthene	19.68	202	1582496	24.14	ng/ul	99
77) Pyrene	20.04	202	1577660	20.37	ng/ul	99
78) Butylbenzylphthalate	20.90	149	637224	20.47	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.82	252	623151	23.07	ng/ul	100
80) Benzo(a)anthracene	21.92	228	1669690	20.75	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.78	149	883824	20.08	ng/ul	98
82) Chrysene	21.99	228	1578912	20.61	ng/ul	98
84) Di-n-octyl phthalate	23.07	149	1514995	21.00	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1709357	20.03	ng/ul	97
86) Benzo(k)fluoranthene	24.35	252	1584326	19.27	ng/ul	99
88) Benzo(a)pyrene	25.22	252	1606698	19.76	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.33	276	2044401	21.23	ng/ul	96
90) Dibenzo(a,h)anthracene	29.41	278	1687260	20.72	ng/ul	96
91) Benzo(g,h,i)perylene	30.59	276	1661836	20.52	ng/ul	98

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

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