Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101216\
Data File : BG024294.D
Acq On : 12 Oct 2016 10:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02019

Quant Time: Oct 12 12:28:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 08:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	149110	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	676450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	583293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1226546	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1341673	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1419015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.74	96	175	0.06	ng/uL	0.09
5) Phenol-d5	7.42	99	281942	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	188536	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	197988	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	240025	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	109461	22.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	118582	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	244984	20.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.25	131	288534	23.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	828601	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	978821	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	145523	20.15	ng/ul	0.00
57) Fluorene-d10	15.89	176	784305	20.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	163218	22.14	ng/ul	0.00
70) Anthracene-d10	17.74	188	1153271	20.82	ng/ul	0.00
76) Pyrene-d10	20.01	212	1290040	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1306880	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	28998	8.52	ng/uL	95
4) Benzaldehyde	7.42	77	210679	21.52	ng/ul	93
6) Phenol	7.44	94	291641	20.65	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.70	93	211894	20.38	ng/ul	96
10) 2-Chlorophenol	7.84	128	193651	19.95	ng/ul	90
11) 2-Methylphenol	8.71	108	210506	20.13	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.82	45	400561	19.30	ng/ul	99
14) Acetophenone	9.12	105	355529	21.29	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.10	70	216164	21.46	ng/ul#	85
16) 4-Methylphenol	9.04	108	235348	21.22	ng/ul	94
17) Hexachloroethane	9.38	117	88791	19.77	ng/ul	89
20) Nitrobenzene	9.51	77	314622	20.71	ng/ul	97
21) Isophorone	10.03	82	577888	20.93	ng/ul	97
23) 2-Nitrophenol	10.22	139	123411	21.09	ng/ul	94
24) 2,4-Dimethylphenol	10.26	107	299900	20.79	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.51	93	303335	20.04	ng/ul	98
27) 2,4-Dichlorophenol	10.75	162	234016	20.87	ng/ul	97
28) Naphthalene	11.17	128	677326	20.79	ng/ul	97
30) 4-Chloroaniline	11.27	127	286556	22.98	ng/ul	91
31) Hexachlorobutadiene	11.44	225	187584	20.88	ng/ul#	78
32) Caprolactam	12.03	113	90880	21.32	ng/ul	87
33) 4-Chloro-3-methylphenol	12.36	107	296944	21.64	ng/ul	98
34) 2-Methylnaphthalene	12.75	142	550181	21.25	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	365407	21.24 ng/ul	98
37) Hexachlorocyclopentadiene	13.08	237	244845	19.41 ng/ul	94
38) 2,4,6-Trichlorophenol	13.34	196	232607	20.85 ng/ul	91
39) 2,4,5-Trichlorophenol	13.41	196	246712	20.13 ng/ul	88
40) 1,1'-Biphenyl	13.74	154	773777	20.48 ng/ul	98
41) 2-Chloronaphthalene	13.79	162	604322	20.41 ng/ul	97
42) 2-Nitroaniline	13.99	65	251113	22.28 ng/ul	92
44) Dimethylphthalate	14.35	163	805017	20.16 ng/ul#	98
45) 2,6-Dinitrotoluene	14.47	165	171876	22.18 ng/ul	93
47) Acenaphthylene	14.63	152	927951	20.67 ng/ul	97
48) 3-Nitroaniline	14.81	138	164982	22.54 ng/ul#	89
49) Acenaphthene	14.97	153	661899	20.63 ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	112512	21.65 ng/ul	96
52) 4-Nitrophenol	15.08	109	183190	20.94 ng/ul	94
53) Dibenzofuran	15.30	168	976480	20.68 ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	259297	22.58 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.52	232	265032	22.03 ng/ul#	94
56) Diethylphthalate	15.70	149	835278	19.84 ng/ul	98
58) Fluorene	15.95	166	791386	20.27 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.93	204	444036	20.49 ng/ul	90
60) 4-Nitroaniline	15.96	138	173146	20.54 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.01	198	167986	21.74 ng/ul#	96
64) N-Nitrosodiphenylamine	16.14	169	729081	21.02 ng/ul	95
65) 4-Bromophenyl-phenylether	16.83	248	301521	21.23 ng/ul	93
66) Hexachlorobenzene	16.94	284	342822	21.63 ng/ul	99
67) Atrazine	17.08	200	293636	20.69 ng/ul	98
68) Pentachlorophenol	17.28	266	223039	23.15 ng/ul	90
69) Phenanthrene	17.69	178	1297831	20.96 ng/ul	98
71) Anthracene	17.78	178	1332755	21.14 ng/ul	99
72) Carbazole	18.04	167	1131324	22.87 ng/ul	96
73) Di-n-butylphthalate	18.58	149	1309597	21.65 ng/ul	98
74) Fluoranthene	19.68	202	1486152	23.76 ng/ul	98
77) Pyrene	20.04	202	1494723	20.86 ng/ul	99
78) Butylbenzylphthalate	20.91	149	590551	20.51 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.83	252	560446	22.43 ng/ul#	93
80) Benzo(a)anthracene	21.92	228	1570357	21.09 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.79	149	821495	20.17 ng/ul	96
82) Chrysene	21.99	228	1477557	20.85 ng/ul	96
84) Di-n-octyl phthalate	23.09	149	1424745	21.40 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1632806	20.72 ng/ul	99
86) Benzo(k)fluoranthene	24.35	252	1503078	19.81 ng/ul	98
88) Benzo(a)pyrene	25.23	252	1559159	20.78 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.35	276	1907849	21.47 ng/ul	98
90) Dibenzo(a,h)anthracene	29.42	278	1590514	21.16 ng/ul	95
91) Benzo(g,h,i)perylene	30.60	276	1565955	20.95 ng/ul#	97

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

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