Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024375.D
Acq On : 17 Oct 2016 10:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Quant Time: Oct 17 13:01:27 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	115702	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	519888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	426824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	935263	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1058874	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1081919	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.72	96	106	0.04	ng/uL	0.08
5) Phenol-d5	7.41	99	221197	20.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	135976	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	148781	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	173251	19.85	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	75221	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	91142	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	185112	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	215561	22.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	621626	20.86	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	733805	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	103979	19.68	ng/ul	0.00
57) Fluorene-d10	15.88	176	594043	21.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	119543	21.27	ng/ul	0.00
70) Anthracene-d10	17.74	188	870094	20.60	ng/ul	0.00
76) Pyrene-d10	20.01	212	1000676	20.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1021358	20.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	22274	8.44	ng/uL	90
4) Benzaldehyde	7.42	77	164678	21.68	ng/ul	97
6) Phenol	7.44	94	228259	20.83	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.69	93	159984	19.83	ng/ul	97
10) 2-Chlorophenol	7.84	128	150355	19.96	ng/ul	97
11) 2-Methylphenol	8.71	108	166974	20.58	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.81	45	301832	18.74	ng/ul	97
14) Acetophenone	9.12	105	277957	21.45	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.09	70	160989	20.60	ng/ul#	85
16) 4-Methylphenol	9.04	108	170516	19.81	ng/ul	100
17) Hexachloroethane	9.37	117	68048	19.53	ng/ul#	87
20) Nitrobenzene	9.50	77	239534	20.52	ng/ul	97
21) Isophorone	10.02	82	435429	20.52	ng/ul	98
23) 2-Nitrophenol	10.21	139	97302	21.63	ng/ul#	85
24) 2,4-Dimethylphenol	10.25	107	226843	20.47	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.50	93	232375	19.98	ng/ul	96
27) 2,4-Dichlorophenol	10.74	162	182789	21.21	ng/ul	93
28) Naphthalene	11.17	128	523129	20.90	ng/ul	99
30) 4-Chloroaniline	11.27	127	212777	22.20	ng/ul	96
31) Hexachlorobutadiene	11.44	225	146255	21.19	ng/ul#	86
32) Caprolactam	12.02	113	62910	19.20	ng/ul	95
33) 4-Chloro-3-methylphenol	12.35	107	226852	21.51	ng/ul	93
34) 2-Methylnaphthalene	12.75	142	416754	20.94	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	268922	21.37 ng/ul#	94
37) Hexachlorocyclopentadiene	13.08	237	184085	19.95 ng/ul	96
38) 2,4,6-Trichlorophenol	13.33	196	172708	21.16 ng/ul	90
39) 2,4,5-Trichlorophenol	13.41	196	191333	21.34 ng/ul	99
40) 1,1'-Biphenyl	13.74	154	582364	21.07 ng/ul	98
41) 2-Chloronaphthalene	13.79	162	446769	20.62 ng/ul#	89
42) 2-Nitroaniline	13.98	65	181899	22.06 ng/ul	90
44) Dimethylphthalate	14.34	163	599909	20.53 ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	125283	22.10 ng/ul#	93
47) Acenaphthylene	14.63	152	707917	21.55 ng/ul	100
48) 3-Nitroaniline	14.80	138	119934	22.39 ng/ul#	79
49) Acenaphthene	14.96	153	496553	21.15 ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	80214	21.09 ng/ul	95
52) 4-Nitrophenol	15.08	109	131757	20.58 ng/ul	97
53) Dibenzofuran	15.30	168	738709	21.38 ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	181838	21.64 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.51	232	186774	21.22 ng/ul#	92
56) Diethylphthalate	15.69	149	632234	20.52 ng/ul#	92
58) Fluorene	15.94	166	600445	21.01 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.93	204	330445	20.84 ng/ul	94
60) 4-Nitroaniline	15.96	138	124146	20.13 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.01	198	127068	21.57 ng/ul#	89
64) N-Nitrosodiphenylamine	16.14	169	546629	20.66 ng/ul	94
65) 4-Bromophenyl-phenylether	16.82	248	239498	22.11 ng/ul	93
66) Hexachlorobenzene	16.94	284	261943	21.67 ng/ul	94
67) Atrazine	17.07	200	235444	21.76 ng/ul	97
68) Pentachlorophenol	17.28	266	147184	20.04 ng/ul#	88
69) Phenanthrene	17.68	178	986704	20.90 ng/ul	99
71) Anthracene	17.78	178	1028664	21.40 ng/ul	99
72) Carbazole	18.04	167	853676	22.63 ng/ul	98
73) Di-n-butylphthalate	18.57	149	992480	21.51 ng/ul	100
74) Fluoranthene	19.67	202	1170454	24.54 ng/ul	99
77) Pyrene	20.04	202	1168672	20.66 ng/ul	99
78) Butylbenzylphthalate	20.90	149	445498	19.61 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.82	252	434895	22.05 ng/ul#	99
80) Benzo(a)anthracene	21.92	228	1234011	21.00 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	636814	19.81 ng/ul	99
82) Chrysene	21.99	228	1180759	21.11 ng/ul	99
84) Di-n-octyl phthalate	23.08	149	1098228	21.63 ng/ul	100
85) Benzo(b)fluoranthene	24.27	252	1227597	20.44 ng/ul	98
86) Benzo(k)fluoranthene	24.35	252	1186887	20.51 ng/ul	99
88) Benzo(a)pyrene	25.22	252	1188873	20.78 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.33	276	1468320	21.67 ng/ul	98
90) Dibenzo(a,h)anthracene	29.42	278	1217460	21.24 ng/ul	95
91) Benzo(g,h,i)perylene	30.57	276	1210008	21.23 ng/ul#	93

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

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