Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112216\
Data File : BG024899.D
Acq On : 22 Nov 2016 21:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02024

Quant Time: Nov 22 23:55:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 23:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	68490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	307500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	261426	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	619650	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	794105	20.00	ng/ul	-0.01
83) Perylene-d12	25.33	264	815951	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	10417	7.88	ng/uL	0.00
5) Phenol-d5	7.39	99	135000	23.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	78792	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	95522	22.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	116880	23.72	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	51092	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	60487	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	119694	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	140413	22.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	421366	22.11	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	463034	22.29	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.05	143	77930	22.97	ng/ul	0.00
57) Fluorene-d10	15.86	176	394395	21.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	88028	20.66	ng/ul	0.00
70) Anthracene-d10	17.71	188	610255	22.30	ng/ul	-0.01
76) Pyrene-d10	19.98	212	769403	22.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	778459	21.79	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	14673	8.86	ng/uL#	92
4) Benzaldehyde	7.39	77	102533	27.13	ng/ul	98
6) Phenol	7.42	94	136195	22.22	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.66	93	95985	22.00	ng/ul	91
10) 2-Chlorophenol	7.81	128	93585	23.00	ng/ul	87
11) 2-Methylphenol	8.68	108	104064	23.18	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.78	45	166849	22.53	ng/ul#	95
14) Acetophenone	9.07	105	169581	22.86	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.05	70	99773	23.66	ng/ul	89
16) 4-Methylphenol	9.01	108	110235	22.69	ng/ul	97
17) Hexachloroethane	9.34	117	40883	21.94	ng/ul#	86
20) Nitrobenzene	9.47	77	145711	21.08	ng/ul	98
21) Isophorone	9.98	82	284933	22.10	ng/ul	96
23) 2-Nitrophenol	10.19	139	63257	22.53	ng/ul#	75
24) 2,4-Dimethylphenol	10.22	107	141123	21.16	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	145409	21.48	ng/ul	93
27) 2,4-Dichlorophenol	10.72	162	114909	21.68	ng/ul	95
28) Naphthalene	11.13	128	308536	20.92	ng/ul	97
30) 4-Chloroaniline	11.23	127	137399	23.05	ng/ul	97
31) Hexachlorobutadiene	11.39	225	93731	20.14	ng/ul#	86
32) Caprolactam	11.99	113	44872	21.47	ng/ul	90
33) 4-Chloro-3-methylphenol	12.33	107	145027	22.59	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	250066	21.55	ng/ul	86

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	176513	20.81 ng/ul	98
37) Hexachlorocyclopentadiene	13.04	237	99614	18.22 ng/ul	96
38) 2,4,6-Trichlorophenol	13.31	196	116029	22.49 ng/ul	93
39) 2,4,5-Trichlorophenol	13.39	196	124946	22.28 ng/ul	93
40) 1,1'-Biphenyl	13.70	154	360937	21.45 ng/ul	99
41) 2-Chloronaphthalene	13.76	162	287645	22.00 ng/ul	96
42) 2-Nitroaniline	13.96	65	120726	23.28 ng/ul	96
44) Dimethylphthalate	14.31	163	403756	22.08 ng/ul	95
45) 2,6-Dinitrotoluene	14.44	165	84980	22.11 ng/ul#	94
47) Acenaphthylene	14.60	152	445657	22.16 ng/ul	99
48) 3-Nitroaniline	14.77	138	86227	24.28 ng/ul#	96
49) Acenaphthene	14.93	153	302582	21.26 ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	61051	22.20 ng/ul#	84
52) 4-Nitrophenol	15.07	109	86115	21.21 ng/ul	93
53) Dibenzofuran	15.27	168	481695	22.12 ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	129610	22.30 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.48	232	131793	22.59 ng/ul	96
56) Diethylphthalate	15.66	149	421280	21.68 ng/ul	96
58) Fluorene	15.91	166	391775	22.16 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	219507	21.96 ng/ul#	86
60) 4-Nitroaniline	15.93	138	94386	23.36 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.99	198	95583	22.13 ng/ul#	95
64) N-Nitrosodiphenylamine	16.11	169	368381	22.00 ng/ul	93
65) 4-Bromophenyl-phenylether	16.79	248	159320	21.14 ng/ul	86
66) Hexachlorobenzene	16.91	284	184553	22.13 ng/ul#	93
67) Atrazine	17.05	200	175263	22.33 ng/ul	96
68) Pentachlorophenol	17.26	266	106415	21.62 ng/ul	93
69) Phenanthrene	17.66	178	683612	22.13 ng/ul	99
71) Anthracene	17.74	178	698448	21.86 ng/ul	98
72) Carbazole	18.02	167	621769	23.72 ng/ul	97
73) Di-n-butylphthalate	18.54	149	745617	22.58 ng/ul	99
74) Fluoranthene	19.65	202	877583	24.46 ng/ul	99
77) Pyrene	20.01	202	885690	22.69 ng/ul	97
78) Butylbenzylphthalate	20.86	149	356408	22.31 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.79	252	332616	21.78 ng/ul	95
80) Benzo(a)anthracene	21.89	228	942421	21.81 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	489309	22.39 ng/ul	99
82) Chrysene	21.96	228	876776	21.64 ng/ul	97
84) Di-n-octyl phthalate	23.01	149	826406	23.93 ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	922994	21.47 ng/ul	96
86) Benzo(k)fluoranthene	24.30	252	896498	21.95 ng/ul	98
88) Benzo(a)pyrene	25.17	252	896568	21.55 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.27	276	1115558	21.45 ng/ul	94
90) Dibenzo(a,h)anthracene	29.32	278	937740	21.64 ng/ul	97
91) Benzo(g,h,i)perylene	30.50	276	903044	21.08 ng/ul	99

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

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