Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024778.D
Acq On : 15 Nov 2016 00:38
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02008

Quant Time: Nov 15 01:21:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 00:49:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	116247	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	488322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	409866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1003739	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1320838	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1411284	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	20639	9.20	ng/uL	0.00
5) Phenol-d5	7.40	99	215519	21.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	132801	21.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	149718	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	180170	21.54	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	78942	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	90745	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	174932	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	213636	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	628409	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	681124	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	109251	20.54	ng/ul	0.00
57) Fluorene-d10	15.86	176	579821	20.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	140366	20.34	ng/ul	0.00
70) Anthracene-d10	17.72	188	918232	20.71	ng/ul	0.00
76) Pyrene-d10	19.99	212	1169303	20.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	1251261	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	24514	8.72	ng/uL#	83
4) Benzaldehyde	7.40	77	155820	24.29	ng/ul#	85
6) Phenol	7.43	94	215297	20.70	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.67	93	151823	20.50	ng/ul#	90
10) 2-Chlorophenol	7.82	128	146433	21.20	ng/ul	89
11) 2-Methylphenol	8.69	108	156491	20.53	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.78	45	258800	20.59	ng/ul	97
14) Acetophenone	9.09	105	259357	20.60	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.06	70	161454	22.56	ng/ul#	81
16) 4-Methylphenol	9.02	108	170167	20.64	ng/ul	92
17) Hexachloroethane	9.35	117	69799	22.07	ng/ul	90
20) Nitrobenzene	9.48	77	224537	20.45	ng/ul	99
21) Isophorone	9.99	82	409234	19.99	ng/ul	96
23) 2-Nitrophenol	10.19	139	94331	21.15	ng/ul#	84
24) 2,4-Dimethylphenol	10.23	107	212098	20.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.47	93	224042	20.84	ng/ul	95
27) 2,4-Dichlorophenol	10.73	162	174524	20.73	ng/ul	95
28) Naphthalene	11.14	128	483173	20.63	ng/ul	99
30) 4-Chloroaniline	11.24	127	200014	21.13	ng/ul	92
31) Hexachlorobutadiene	11.41	225	153659	20.79	ng/ul	88
32) Caprolactam	12.00	113	71272	21.48	ng/ul	88
33) 4-Chloro-3-methylphenol	12.34	107	216486	21.24	ng/ul	95
34) 2-Methylnaphthalene	12.73	142	377951	20.51	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	263500	19.81 ng/ul#	91
37) Hexachlorocyclopentadiene	13.05	237	170278	19.87 ng/ul#	85
38) 2,4,6-Trichlorophenol	13.32	196	165046	20.40 ng/ul	95
39) 2,4,5-Trichlorophenol	13.39	196	181342	20.63 ng/ul	95
40) 1,1'-Biphenyl	13.71	154	521008	19.75 ng/ul	98
41) 2-Chloronaphthalene	13.77	162	425142	20.74 ng/ul	99
42) 2-Nitroaniline	13.96	65	165999	20.42 ng/ul	96
44) Dimethylphthalate	14.32	163	612890	21.38 ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	128222	21.28 ng/ul#	96
47) Acenaphthylene	14.61	152	648330	20.57 ng/ul	99
48) 3-Nitroaniline	14.78	138	128505	23.08 ng/ul#	92
49) Acenaphthene	14.94	153	454983	20.39 ng/ul	97
50) 2,4-Dinitrophenol	14.99	184	85122	19.74 ng/ul	83
52) 4-Nitrophenol	15.07	109	137165	21.54 ng/ul	96
53) Dibenzofuran	15.28	168	694785	20.35 ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	189758	20.82 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.49	232	190663	20.84 ng/ul#	96
56) Diethylphthalate	15.67	149	632935	20.78 ng/ul	97
58) Fluorene	15.92	166	577228	20.83 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.90	204	325475	20.77 ng/ul	87
60) 4-Nitroaniline	15.94	138	137113	21.65 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.99	198	139700	19.96 ng/ul#	91
64) N-Nitrosodiphenylamine	16.12	169	534741	19.72 ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	246454	20.19 ng/ul	94
66) Hexachlorobenzene	16.92	284	273436	20.24 ng/ul	95
67) Atrazine	17.06	200	254043	19.98 ng/ul	97
68) Pentachlorophenol	17.26	266	164324	20.61 ng/ul#	89
69) Phenanthrene	17.67	178	1027062	20.52 ng/ul	98
71) Anthracene	17.75	178	1039776	20.09 ng/ul	99
72) Carbazole	18.02	167	929355	21.89 ng/ul	99
73) Di-n-butylphthalate	18.55	149	1093697	20.44 ng/ul	98
74) Fluoranthene	19.66	202	1345153	23.14 ng/ul	98
77) Pyrene	20.02	202	1331640	20.51 ng/ul	98
78) Butylbenzylphthalate	20.88	149	527542	19.85 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.80	252	556331	21.90 ng/ul	92
80) Benzo(a)anthracene	21.90	228	1459451	20.30 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	731714	20.13 ng/ul	96
82) Chrysene	21.97	228	1394562	20.69 ng/ul	99
84) Di-n-octyl phthalate	23.03	149	1268741	21.24 ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1478611	19.89 ng/ul	97
86) Benzo(k)fluoranthene	24.32	252	1440646	20.40 ng/ul	98
88) Benzo(a)pyrene	25.19	252	1455840	20.23 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	1837891	20.43 ng/ul	99
90) Dibenzo(a,h)anthracene	29.35	278	1532595	20.44 ng/ul	96
91) Benzo(g,h,i)perylene	30.52	276	1517126	20.48 ng/ul#	93

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

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