Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120216\
Data File : BG024970.D
Acq On : 3 Dec 2016 00:03
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02014

Quant Time: Dec 03 00:39:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 23:46:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	103725	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	449788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	374910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	900010	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1214752	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1285173	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	16016	7.98	ng/uL	0.00
5) Phenol-d5	7.38	99	171805	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	105888	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	129282	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	140002	18.72	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	62215	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	77860	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	146067	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	169399	22.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	531795	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	583996	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	91915	20.74	ng/ul	0.00
57) Fluorene-d10	15.85	176	493343	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	118403	21.28	ng/ul	0.00
70) Anthracene-d10	17.70	188	779841	20.53	ng/ul	0.00
76) Pyrene-d10	19.98	212	1018389	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1074074	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	18928	7.24	ng/uL	93
4) Benzaldehyde	7.38	77	132079	19.61	ng/ul	89
6) Phenol	7.41	94	181987	19.81	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.65	93	131424	19.55	ng/ul#	92
10) 2-Chlorophenol	7.80	128	118682	18.86	ng/ul	98
11) 2-Methylphenol	8.67	108	131097	19.39	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.77	45	234918	20.55	ng/ul	98
14) Acetophenone	9.07	105	219581	19.29	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.04	70	126421	19.23	ng/ul#	84
16) 4-Methylphenol	9.01	108	145527	19.34	ng/ul	91
17) Hexachloroethane	9.33	117	55915	20.06	ng/ul	93
20) Nitrobenzene	9.47	77	197404	20.17	ng/ul	98
21) Isophorone	9.98	82	362143	19.55	ng/ul#	95
23) 2-Nitrophenol	10.18	139	79497	19.74	ng/ul#	86
24) 2,4-Dimethylphenol	10.22	107	183822	19.96	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.46	93	188535	19.97	ng/ul	99
27) 2,4-Dichlorophenol	10.71	162	149225	20.13	ng/ul#	93
28) Naphthalene	11.12	128	406366	19.44	ng/ul	96
30) 4-Chloroaniline	11.23	127	165618	21.59	ng/ul	95
31) Hexachlorobutadiene	11.39	225	126446	19.84	ng/ul	93
32) Caprolactam	11.98	113	59353	19.28	ng/ul	96
33) 4-Chloro-3-methylphenol	12.33	107	176504	19.31	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	331120	20.07	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	228234	20.20	ng/ul	100
37) Hexachlorocyclopentadiene	13.04	237	132048	19.91	ng/ul	97
38) 2,4,6-Trichlorophenol	13.30	196	144636	20.38	ng/ul	90
39) 2,4,5-Trichlorophenol	13.38	196	157919	20.30	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	464000	20.41	ng/ul	98
41) 2-Chloronaphthalene	13.75	162	359851	19.89	ng/ul	97
42) 2-Nitroaniline	13.95	65	146127	20.63	ng/ul	96
44) Dimethylphthalate	14.30	163	515836	20.35	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	110126	20.22	ng/ul#	94
47) Acenaphthylene	14.59	152	546787	19.91	ng/ul	99
48) 3-Nitroaniline	14.77	138	97737	20.72	ng/ul#	71
49) Acenaphthene	14.93	153	393603	20.92	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	72607	20.52	ng/ul#	84
52) 4-Nitrophenol	15.06	109	109604	20.56	ng/ul	94
53) Dibenzofuran	15.26	168	608001	20.43	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	164658	20.06	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.48	232	164127	19.97	ng/ul#	94
56) Diethylphthalate	15.65	149	547909	20.42	ng/ul	97
58) Fluorene	15.90	166	490525	20.25	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	270470	19.83	ng/ul	91
60) 4-Nitroaniline	15.93	138	115045	20.23	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.98	198	118858	20.62	ng/ul#	99
64) N-Nitrosodiphenylamine	16.10	169	468312	20.23	ng/ul	96
65) 4-Bromophenyl-phenylether	16.79	248	206858	20.35	ng/ul	99
66) Hexachlorobenzene	16.90	284	236438	20.66	ng/ul	93
67) Atrazine	17.04	200	231023	20.99	ng/ul#	92
68) Pentachlorophenol	17.25	266	131446	19.12	ng/ul	94
69) Phenanthrene	17.65	178	901249	20.98	ng/ul	98
71) Anthracene	17.74	178	914269	20.70	ng/ul	99
72) Carbazole	18.01	167	805347	21.86	ng/ul	98
73) Di-n-butylphthalate	18.53	149	962914	20.70	ng/ul	99
74) Fluoranthene	19.64	202	1183190	23.18	ng/ul	99
77) Pyrene	20.01	202	1190751	20.39	ng/ul	99
78) Butylbenzylphthalate	20.86	149	469531	20.54	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.78	252	459034	21.68	ng/ul	99
80) Benzo(a)anthracene	21.88	228	1309077	20.74	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	640708	20.36	ng/ul	97
82) Chrysene	21.94	228	1213356	20.55	ng/ul	97
84) Di-n-octyl phthalate	23.00	149	1129328	21.64	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1284957	20.16	ng/ul	98
86) Benzo(k)fluoranthene	24.28	252	1262915	20.85	ng/ul	99
88) Benzo(a)pyrene	25.15	252	1265701	20.66	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.23	276	1560260	20.49	ng/ul	98
90) Dibenzo(a,h)anthracene	29.29	278	1310511	20.43	ng/ul	98
91) Benzo(g,h,i)perylene	30.45	276	1278441	20.12	ng/ul	98

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

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