Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060216\
Data File : BG022161.D
Acq On : 2 Jun 2016 20:19
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02029

Manual Integrations APPROVED
umangi
6/3/2016 4:55:06 PM

Quant Time: Jun 03 02:27:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 03 01:08:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44311	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	226092	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	133195	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	291151	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	263195	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	247979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5934	6.98	ng/uL	0.00
5) Phenol-d5	7.29	99	70186	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	35457	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	60812	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	59270	17.46	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	31342	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	33977	18.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	59887	18.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	77488	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	187761	18.77	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	252144	18.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	28722	16.67	ng/ul	0.00
57) Fluorene-d10	15.75	176	177970	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	23992	15.76	ng/ul	0.00
70) Anthracene-d10	17.61	188	251512	18.00	ng/ul	0.00
76) Pyrene-d10	19.88	212	253008	17.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	213052	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	11221	7.28	ng/uL	94
4) Benzaldehyde	7.26	77	28802	13.05	ng/ul	98
6) Phenol	7.32	94	70095	17.38	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.54	93	53726	18.24	ng/ul	90
10) 2-Chlorophenol	7.70	128	60756	18.42	ng/ul#	90
11) 2-Methylphenol	8.58	108	57312	17.80	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.66	45	58524	16.63	ng/ul#	95
14) Acetophenone	8.96	105	85915	18.09	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.93	70	42875	17.49	ng/ul	99
16) 4-Methylphenol	8.91	108	63104	18.17	ng/ul	99
17) Hexachloroethane	9.22	117	22525	17.13	ng/ul#	86
20) Nitrobenzene	9.34	77	59823	17.73	ng/ul	97
21) Isophorone	9.86	82	127317	17.70	ng/ul	97
23) 2-Nitrophenol	10.06	139	34995	18.53	ng/ul	91
24) 2,4-Dimethylphenol	10.11	107	65784	18.05	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.34	93	76352	18.49	ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	59258	18.95	ng/ul	97
28) Naphthalene	11.00	128	207671	18.12	ng/ul	99
30) 4-Chloroaniline	11.11	127	78059	22.38	ng/ul	97
31) Hexachlorobutadiene	11.28	225	32724	17.75	ng/ul	95
32) Caprolactam	11.87	113	24328m	19.41	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	61277	18.40	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	151527	18.49	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	67737	17.15	ng/ul	98
37) Hexachlorocyclopentadiene	12.93	237	26241	15.42	ng/ul	90
38) 2,4,6-Trichlorophenol	13.20	196	47118	17.66	ng/ul	95
39) 2,4,5-Trichlorophenol	13.28	196	50860	17.96	ng/ul	94
40) 1,1'-Biphenyl	13.59	154	192975	17.60	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	148913	17.68	ng/ul	97
42) 2-Nitroaniline	13.85	65	31876	16.79	ng/ul	99
44) Dimethylphthalate	14.20	163	189483	18.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.33	165	41746	19.36	ng/ul	93
47) Acenaphthylene	14.49	152	257238	18.08	ng/ul	98
48) 3-Nitroaniline	14.67	138	35007	16.94	ng/ul	94
49) Acenaphthene	14.83	153	174639	17.77	ng/ul	96
50) 2,4-Dinitrophenol	14.89	184	10938	13.10	ng/ul	94
52) 4-Nitrophenol	14.99	109	14171	14.59	ng/ul	95
53) Dibenzofuran	15.16	168	229121	18.85	ng/ul	97
54) 2,4-Dinitrotoluene	15.13	165	55859	19.21	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.38	232	40513	18.09	ng/ul	95
56) Diethylphthalate	15.56	149	197111	18.90	ng/ul	100
58) Fluorene	15.81	166	192935	18.80	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.79	204	88016	19.04	ng/ul	98
60) 4-Nitroaniline	15.83	138	34859	15.37	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.89	198	25064	15.91	ng/ul	96
64) N-Nitrosodiphenylamine	16.01	169	161670	17.56	ng/ul	98
65) 4-Bromophenyl-phenylether	16.68	248	53660	18.24	ng/ul	95
66) Hexachlorobenzene	16.81	284	59330	17.37	ng/ul	99
67) Atrazine	16.95	200	58327	18.40	ng/ul	98
68) Pentachlorophenol	17.16	266	20064	11.28	ng/ul	97
69) Phenanthrene	17.55	178	290163	17.92	ng/ul	98
71) Anthracene	17.64	178	289858	17.67	ng/ul	100
72) Carbazole	17.91	167	250352	17.61	ng/ul	99
73) Di-n-butylphthalate	18.45	149	342027	17.95	ng/ul	98
74) Fluoranthene	19.55	202	308801	18.66	ng/ul	97
77) Pyrene	19.91	202	307351	16.60	ng/ul	98
78) Butylbenzylphthalate	20.78	149	148106	16.88	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.67	252	91609	18.52	ng/ul	100
80) Benzo(a)anthracene	21.77	228	274355	17.77	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	213356	17.08	ng/ul	99
82) Chrysene	21.83	228	257248	17.37	ng/ul	97
84) Di-n-octyl phthalate	22.88	149	360218	17.83	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	271087	18.68	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	259172	18.35	ng/ul	97
88) Benzo(a)pyrene	24.94	252	255534	18.25	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	28.89	276	297739	18.55	ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	246029	18.31	ng/ul	99
91) Benzo(g,h,i)perylene	30.07	276	249346	19.39	ng/ul	97

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

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