Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025823.D
Acq On : 10 Feb 2017 10:22
Operator : SJ/MA
Sample : SSTD01005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01005

Quant Time: Feb 10 12:14:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 12:09:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	76909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	374134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	268751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	594307	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	626344	20.00	ng/ul	0.00
85) Perylene-d12	24.89	264	602497	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6438	4.54	ng/uL	0.00
5) Phenol-d5	7.23	99	64511	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	43134	11.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	51308	11.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	51937	10.39	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	22008	8.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	23465	7.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	51894	9.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	65147	9.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	193939	10.48	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	222730	10.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	32606	12.69	ng/ul	0.00
57) Fluorene-d10	15.68	176	174520	10.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	22110	5.85	ng/ul	0.00
70) Anthracene-d10	17.52	188	270814	10.74	ng/ul	0.00
78) Pyrene-d10	19.79	212	298023	12.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	257102	10.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	7357	4.32	ng/uL#	69
4) Benzaldehyde	7.22	77	44678	10.67	ng/ul	94
6) Phenol	7.26	94	70245	11.15	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.50	93	55005	11.68	ng/ul#	80
10) 2-Chlorophenol	7.65	128	48677	10.82	ng/ul#	86
11) 2-Methylphenol	8.52	108	51316	11.07	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	77310	9.02	ng/ul#	87
14) Acetophenone	8.91	105	85774	11.08	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.89	70	42809	9.12	ng/ul#	88
16) 4-Methylphenol	8.84	108	58610	11.45	ng/ul	96
17) Hexachloroethane	9.18	117	18422	8.66	ng/ul	92
20) Nitrobenzene	9.28	77	53772	6.47	ng/ul	94
21) Isophorone	9.81	82	120604	8.13	ng/ul	96
23) 2-Nitrophenol	10.00	139	25780	7.82	ng/ul#	89
24) 2,4-Dimethylphenol	10.05	107	61870	8.40	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.29	93	76979	9.94	ng/ul	96
27) 2,4-Dichlorophenol	10.53	162	51361	8.83	ng/ul	99
28) Naphthalene	10.94	128	182033	10.66	ng/ul	99
30) 4-Chloroaniline	11.03	127	63591	9.65	ng/ul	98
31) Hexachlorobutadiene	11.24	225	30427	5.38	ng/ul	98
32) Caprolactam	11.79	113	19753	8.90	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.14	107	59674	8.91	ng/ul	92
34) 2-Methylnaphthalene	12.54	142	141968	10.72	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	64521	7.24 ng/ul	98
37) Hexachlorocyclopentadiene	12.89	237	35176	10.01 ng/ul	98
38) 2,4,6-Trichlorophenol	13.13	196	39920	8.11 ng/ul	99
39) 2,4,5-Trichlorophenol	13.20	196	45182	8.49 ng/ul	92
40) 1,1'-Biphenyl	13.53	154	193547	11.51 ng/ul	99
41) 2-Chloronaphthalene	13.57	162	136444	10.18 ng/ul	96
42) 2-Nitroaniline	13.76	65	33714	6.52 ng/ul	86
44) Dimethylphthalate	14.14	163	188528	10.51 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	28197	7.55 ng/ul	95
47) Acenaphthylene	14.41	152	233324	11.90 ng/ul	99
48) 3-Nitroaniline	14.58	138	31943	10.03 ng/ul	98
49) Acenaphthene	14.75	153	164653	11.91 ng/ul	98
50) 2,4-Dinitrophenol	14.78	184	13316	6.54 ng/ul#	31
52) 4-Nitrophenol	14.87	109	20136	5.91 ng/ul#	61
53) Dibenzofuran	15.09	168	234187	10.95 ng/ul	92
54) 2,4-Dinitrotoluene	15.04	165	41912	7.52 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.31	232	42017	7.63 ng/ul	96
56) Diethylphthalate	15.50	149	197180	10.48 ng/ul	98
58) Fluorene	15.73	166	196069	11.33 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.72	204	91096	9.18 ng/ul	90
60) 4-Nitroaniline	15.73	138	40860	12.88 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.79	198	25042	6.50 ng/ul#	90
64) N-Nitrosodiphenylamine	15.93	169	169694	11.14 ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	57392	8.28 ng/ul#	88
66) Hexachlorobenzene	16.73	284	60982	7.57 ng/ul	95
67) Atrazine	16.87	200	61144	8.50 ng/ul	98
68) Pentachlorophenol	17.07	266	33571	9.55 ng/ul	94
69) Phenanthrene	17.46	178	322973	11.20 ng/ul	99
71) Anthracene	17.56	178	325075	11.17 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	60971	7.34 ng/uL	99
73) Pentachlorobenzene	15.01	250	64916	7.50 ng/uL	98
74) Carbazole	17.81	167	308006	12.69 ng/ul	97
75) Di-n-butylphthalate	18.38	149	330063	10.50 ng/ul	98
76) Fluoranthene	19.46	202	371515	10.33 ng/ul#	94
79) Pyrene	19.82	202	388697	13.69 ng/ul	97
80) Butylbenzylphthalate	20.71	149	127420	11.02 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.56	252	111978	9.57 ng/ul	95
82) Benzo(a)anthracene	21.66	228	354266	10.93 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	195480	11.73 ng/ul#	96
84) Chrysene	21.72	228	340337	11.10 ng/ul	99
86) Di-n-octyl phthalate	22.79	149	325426	12.99 ng/ul	98
87) Benzo(b)fluoranthene	23.87	252	344770	11.52 ng/ul	99
88) Benzo(k)fluoranthene	23.94	252	332309	11.54 ng/ul	97
90) Benzo(a)pyrene	24.74	252	328093	11.33 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.54	276	383370	10.48 ng/ul#	92
92) Dibenzo(a,h)anthracene	28.61	278	320160	10.42 ng/ul	100
93) Benzo(g,h,i)perylene	29.69	276	320598	10.55 ng/ul	98

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

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