Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030748.D
Acq On : 5 Nov 2017 21:14
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02085

Quant Time: Nov 06 00:55:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 00:53:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	278449	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	183085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	476217	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	600045	20.00	ng/ul	-0.01
83) Perylene-d12	25.08	264	595148	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	12618	8.15	ng/uL	0.00
5) Phenol-d5	7.31	99	98921	16.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	59128	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	81024	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	85173	17.47	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	38571	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	44163	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	89889	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	111123	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	289270	18.48	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	358903	18.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	49056	16.98	ng/ul	0.00
57) Fluorene-d10	15.76	176	274932	21.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	50274	21.63	ng/ul	0.00
70) Anthracene-d10	17.60	188	433274	19.24	ng/ul	0.00
76) Pyrene-d10	19.88	212	560558	18.05	ng/ul	-0.01
87) Benzo(a)pyrene-d12	24.85	264	551681	19.57	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	13866	7.347	ng/uL#	92
4) Benzaldehyde	7.28	77	62794	16.832	ng/ul	88
6) Phenol	7.34	94	102881	16.467	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.56	93	80085	16.839	ng/ul	90
10) 2-Chlorophenol	7.71	128	82885	19.036	ng/ul#	89
11) 2-Methylphenol	8.59	108	77574	16.608	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.68	45	121425	17.420	ng/ul#	95
14) Acetophenone	8.97	105	128020	17.191	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.95	70	64592	15.652	ng/ul#	94
16) 4-Methylphenol	8.92	108	84992	16.702	ng/ul	99
17) Hexachloroethane	9.24	117	32402	18.638	ng/ul	89
20) Nitrobenzene	9.36	77	90199	16.550	ng/ul#	82
21) Isophorone	9.88	82	182140	15.818	ng/ul	95
23) 2-Nitrophenol	10.07	139	46814	20.597	ng/ul#	76
24) 2,4-Dimethylphenol	10.13	107	95365	17.254	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.36	93	111622	16.104	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	88269	19.751	ng/ul	98
28) Naphthalene	11.02	128	270975	18.392	ng/ul	99
30) 4-Chloroaniline	11.12	127	111300	20.975	ng/ul	97
31) Hexachlorobutadiene	11.30	225	63809	22.856	ng/ul	99
32) Caprolactam	11.86	113	33661	17.598	ng/ul	90
33) 4-Chloro-3-methylphenol	12.24	107	89653	17.097	ng/ul	92
34) 2-Methylnaphthalene	12.61	142	210004	17.219	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	121878	22.464 ng/ul	92
37) Hexachlorocyclopentadiene	12.95	237	35366	12.366 ng/ul	95
38) 2,4,6-Trichlorophenol	13.21	196	76634	20.388 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	82493	20.786 ng/ul	99
40) 1,1'-Biphenyl	13.60	154	278652	18.460 ng/ul	95
41) 2-Chloronaphthalene	13.65	162	220493	19.298 ng/ul	96
42) 2-Nitroaniline	13.85	65	55167	15.414 ng/ul#	79
44) Dimethylphthalate	14.21	163	297982	19.518 ng/ul	100
45) 2,6-Dinitrotoluene	14.34	165	57160	21.405 ng/ul#	87
47) Acenaphthylene	14.49	152	344675	17.750 ng/ul	98
48) 3-Nitroaniline	14.66	138	58573	20.244 ng/ul	84
49) Acenaphthene	14.83	153	236601	17.809 ng/ul	99
50) 2,4-Dinitrophenol	14.88	184	20034	14.017 ng/ul#	67
52) 4-Nitrophenol	14.98	109	35282	16.181 ng/ul#	83
53) Dibenzofuran	15.16	168	352889	19.429 ng/ul	93
54) 2,4-Dinitrotoluene	15.12	165	86105	22.054 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.39	232	77305	22.151 ng/ul	91
56) Diethylphthalate	15.56	149	300642	19.110 ng/ul	98
58) Fluorene	15.81	166	284091	19.607 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.80	204	156941	23.022 ng/ul#	88
60) 4-Nitroaniline	15.83	138	70266	19.755 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.89	198	53944	21.963 ng/ul#	83
64) N-Nitrosodiphenylamine	16.01	169	260116	18.313 ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	104710	21.795 ng/ul#	90
66) Hexachlorobenzene	16.81	284	115771	23.552 ng/ul	90
67) Atrazine	16.95	200	111668	20.702 ng/ul	94
68) Pentachlorophenol	17.16	266	56900	19.429 ng/ul	91
69) Phenanthrene	17.55	178	490065	19.036 ng/ul	98
71) Anthracene	17.64	178	511180	19.245 ng/ul	98
72) Carbazole	17.91	167	474230	19.862 ng/ul	98
73) Di-n-butylphthalate	18.45	149	559401	19.500 ng/ul	98
74) Fluoranthene	19.55	202	674216	23.434 ng/ul	100
77) Pyrene	19.91	202	698299	17.364 ng/ul	98
78) Butylbenzylphthalate	20.77	149	286363	17.562 ng/ul	87
79) 3,3'-Dichlorobenzidine	21.66	252	265343	24.165 ng/ul#	98
80) Benzo(a)anthracene	21.76	228	737280	19.606 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	406970	17.223 ng/ul#	98
82) Chrysene	21.83	228	672387	19.679 ng/ul	98
84) Di-n-octyl phthalate	22.87	149	680811	17.097 ng/ul	100
85) Benzo(b)fluoranthene	24.02	252	719438	20.136 ng/ul	96
86) Benzo(k)fluoranthene	24.09	252	708232	20.502 ng/ul	97
88) Benzo(a)pyrene	24.92	252	697096	20.044 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.85	276	820172	20.844 ng/ul	99
90) Dibenzo(a,h)anthracene	28.91	278	691319	21.150 ng/ul	96
91) Benzo(g,h,i)perylene	30.04	276	683244	20.948 ng/ul	95

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

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