Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029244.D
Acq On : 15 Oct 2017 4:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02068

Quant Time: Oct 15 07:30:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	107380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	495251	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	295683	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	636255	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	591204	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	589052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	21450	8.12	ng/uL	0.00
5) Phenol-d5	7.32	99	219703	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	133292	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	161850	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	178424	21.44	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	81736	22.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	87001	23.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	172326	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	220708	22.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	499856	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	642525	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	93287	19.99	ng/ul	0.00
57) Fluorene-d10	15.78	176	427670	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	64458	20.75	ng/ul	0.00
70) Anthracene-d10	17.63	188	621561	20.66	ng/ul	0.00
76) Pyrene-d10	19.90	212	636791	20.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	567590	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	24242	7.525	ng/uL#	83
4) Benzaldehyde	7.30	77	148907	23.383	ng/ul	92
6) Phenol	7.35	94	228093	21.389	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	168588	20.767	ng/ul	94
10) 2-Chlorophenol	7.74	128	163727	22.030	ng/ul	89
11) 2-Methylphenol	8.61	108	169451	21.253	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.71	45	247219	20.778	ng/ul	96
14) Acetophenone	9.00	105	266557	20.970	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.98	70	146394	20.782	ng/ul	92
16) 4-Methylphenol	8.94	108	186708	21.494	ng/ul	94
17) Hexachloroethane	9.27	117	63846	21.515	ng/ul	90
20) Nitrobenzene	9.38	77	204627	21.110	ng/ul#	89
21) Isophorone	9.90	82	401765	19.617	ng/ul	98
23) 2-Nitrophenol	10.09	139	92756	22.945	ng/ul#	83
24) 2,4-Dimethylphenol	10.15	107	200167	20.362	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.38	93	242525	19.672	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	166234	20.913	ng/ul	96
28) Naphthalene	11.04	128	539039	20.570	ng/ul	99
30) 4-Chloroaniline	11.14	127	217109	23.004	ng/ul	95
31) Hexachlorobutadiene	11.32	225	89454	18.015	ng/ul	94
32) Caprolactam	11.89	113	65837	19.352	ng/ul	94
33) 4-Chloro-3-methylphenol	12.25	107	192912	20.684	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	400458	18.461	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	187262	21.372 ng/ul	93
37) Hexachlorocyclopentadiene	12.98	237	69971	15.149 ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	130848	21.555 ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	138208	21.563 ng/ul	98
40) 1,1'-Biphenyl	13.63	154	513432	21.061 ng/ul	96
41) 2-Chloronaphthalene	13.67	162	386423	20.941 ng/ul	100
42) 2-Nitroaniline	13.87	65	130314	22.545 ng/ul	94
44) Dimethylphthalate	14.24	163	481737	19.538 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	96789	22.442 ng/ul	97
47) Acenaphthylene	14.52	152	646235	20.606 ng/ul	99
48) 3-Nitroaniline	14.68	138	106836	22.863 ng/ul	91
49) Acenaphthene	14.85	153	445256	20.752 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	42234	18.297 ng/ul	98
52) 4-Nitrophenol	14.98	109	70880	20.127 ng/ul	81
53) Dibenzofuran	15.19	168	594038	20.252 ng/ul	94
54) 2,4-Dinitrotoluene	15.14	165	138284	21.930 ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	15.41	232	117536	20.854 ng/ul#	95
56) Diethylphthalate	15.59	149	490360	19.300 ng/ul	99
58) Fluorene	15.83	166	495241	21.164 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	223726	20.321 ng/ul	96
60) 4-Nitroaniline	15.84	138	118050	20.550 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.90	198	68649	20.920 ng/ul	95
64) N-Nitrosodiphenylamine	16.03	169	419470	22.103 ng/ul	95
65) 4-Bromophenyl-phenylether	16.71	248	134059	20.885 ng/ul	94
66) Hexachlorobenzene	16.83	284	129210	19.674 ng/ul	94
67) Atrazine	16.97	200	148835	20.652 ng/ul	99
68) Pentachlorophenol	17.17	266	80405	20.549 ng/ul	96
69) Phenanthrene	17.57	178	724209	21.055 ng/ul	97
71) Anthracene	17.66	178	750333	21.144 ng/ul	99
72) Carbazole	17.93	167	695135	21.791 ng/ul	99
73) Di-n-butylphthalate	18.47	149	833090	21.736 ng/ul	98
74) Fluoranthene	19.57	202	819873	21.329 ng/ul#	91
77) Pyrene	19.93	202	842618	21.266 ng/ul#	88
78) Butylbenzylphthalate	20.80	149	378998	23.590 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.69	252	246263	22.763 ng/ul	95
80) Benzo(a)anthracene	21.78	228	772589	20.852 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	553856	23.789 ng/ul	98
82) Chrysene	21.85	228	689520	20.482 ng/ul	97
84) Di-n-octyl phthalate	22.92	149	946643	24.019 ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	719843	20.356 ng/ul#	97
86) Benzo(k)fluoranthene	24.12	252	700228	20.480 ng/ul#	97
88) Benzo(a)pyrene	24.95	252	693590	20.150 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	28.90	276	792472	20.349 ng/ul#	91
90) Dibenzo(a,h)anthracene	28.97	278	656973	20.307 ng/ul#	90
91) Benzo(g,h,i)perylene	30.09	276	655500	20.306 ng/ul#	89

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

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