Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG083017\
Data File : BG028570.D
Acq On : 31 Aug 2017 9:22
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02097

Quant Time: Aug 31 16:14:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 31 04:17:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38114	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	160729	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	112874	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	281453	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	322038	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	311931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	5823	7.11	ng/uL	0.00
5) Phenol-d5	7.50	99	71096	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	45305	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	52474	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	59486	17.00	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	26571	21.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	30482	22.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	60415	21.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	71294	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	190792	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	225479	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	27325	17.12	ng/ul	0.00
57) Fluorene-d10	15.94	176	172753	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	34594	18.92	ng/ul	0.00
70) Anthracene-d10	17.70	188	281453	20.85	ng/ul	-0.10
76) Pyrene-d10	20.08	212	310257	18.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	292953	20.06	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	7769	9.037	ng/uL	87
4) Benzaldehyde	7.48	77	48474	20.038	ng/ul	99
6) Phenol	7.52	94	70145	16.861	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	50501	17.821	ng/ul	94
10) 2-Chlorophenol	7.91	128	52131	20.258	ng/ul	93
11) 2-Methylphenol	8.78	108	51004	17.369	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	103159	14.996	ng/ul	98
14) Acetophenone	9.16	105	85454	17.127	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.13	70	47245	16.660	ng/ul#	83
16) 4-Methylphenol	9.10	108	55942	16.872	ng/ul	94
17) Hexachloroethane	9.42	117	21407	20.075	ng/ul	98
20) Nitrobenzene	9.56	77	69765	19.175	ng/ul	97
21) Isophorone	10.07	82	127917	18.506	ng/ul	97
23) 2-Nitrophenol	10.26	139	30326	21.799	ng/ul	84
24) 2,4-Dimethylphenol	10.31	107	67215	19.439	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.54	93	71268	18.929	ng/ul	94
27) 2,4-Dichlorophenol	10.81	162	54351	20.941	ng/ul	98
28) Naphthalene	11.21	128	164658	20.684	ng/ul#	97
30) 4-Chloroaniline	11.32	127	66831	21.724	ng/ul	91
31) Hexachlorobutadiene	11.48	225	43410	22.659	ng/ul	89
32) Caprolactam	12.07	113	20108	18.631	ng/ul	87
33) 4-Chloro-3-methylphenol	12.42	107	65048	19.635	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	125298	19.596	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	80804	22.210 ng/ul#	96
37) Hexachlorocyclopentadiene	13.13	237	48619	24.218 ng/ul	96
38) 2,4,6-Trichlorophenol	13.39	196	50854	22.426 ng/ul	87
39) 2,4,5-Trichlorophenol	13.48	196	54378	22.001 ng/ul	94
40) 1,1'-Biphenyl	13.78	154	166584	20.207 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	128037	19.653 ng/ul	95
42) 2-Nitroaniline	14.03	65	50411	18.456 ng/ul	95
44) Dimethylphthalate	14.39	163	169753	18.364 ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	39024	20.447 ng/ul#	88
47) Acenaphthylene	14.67	152	210516	19.461 ng/ul	100
48) 3-Nitroaniline	14.86	138	35239	20.505 ng/ul#	87
49) Acenaphthene	15.02	153	140466	19.246 ng/ul	92
50) 2,4-Dinitrophenol	15.07	184	22843	21.243 ng/ul	91
52) 4-Nitrophenol	15.17	109	27898	16.868 ng/ul#	84
53) Dibenzofuran	15.35	168	207435	19.494 ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	54524	18.851 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.58	232	50271	21.839 ng/ul#	96
56) Diethylphthalate	15.74	149	189478	17.473 ng/ul	99
58) Fluorene	16.00	166	183515	19.479 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	97276	19.245 ng/ul#	82
60) 4-Nitroaniline	16.02	138	38009	18.642 ng/ul	84
63) 4,6-Dinitro-2-methylphenol	16.08	198	34462	18.589 ng/ul#	97
64) N-Nitrosodiphenylamine	16.19	169	150419	20.314 ng/ul	95
65) 4-Bromophenyl-phenylether	16.88	248	66201	21.884 ng/ul	93
66) Hexachlorobenzene	17.01	284	70053	21.753 ng/ul	96
67) Atrazine	17.13	200	66877	20.716 ng/ul	94
68) Pentachlorophenol	17.35	266	28971	17.761 ng/ul	91
69) Phenanthrene	17.75	178	283104	19.987 ng/ul	98
71) Anthracene	17.84	178	291466	20.134 ng/ul	98
72) Carbazole	18.11	167	245114	19.469 ng/ul	99
73) Di-n-butylphthalate	18.63	149	311428	19.871 ng/ul#	96
74) Fluoranthene	19.75	202	345019	20.043 ng/ul	99
77) Pyrene	20.11	202	361353	18.808 ng/ul	98
78) Butylbenzylphthalate	20.97	149	143721	19.967 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.91	252	134358	21.625 ng/ul#	93
80) Benzo(a)anthracene	22.02	228	372556	20.022 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	200728	19.609 ng/ul	99
82) Chrysene	22.09	228	336953	20.107 ng/ul	99
84) Di-n-octyl phthalate	23.17	149	346835	18.554 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	370897	19.870 ng/ul	99
86) Benzo(k)fluoranthene	24.50	252	352575	19.337 ng/ul	99
88) Benzo(a)pyrene	25.38	252	357224	19.765 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.59	276	428488	20.246 ng/ul	98
90) Dibenzo(a,h)anthracene	29.65	278	357005	20.125 ng/ul	92
91) Benzo(g,h,i)perylene	30.86	276	348904	20.039 ng/ul	95

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

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