Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082317\
Data File : BG028453.D
Acq On : 23 Aug 2017 17:30
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02082

Quant Time: Aug 24 12:14:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	45629	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	219073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	145926	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	307639	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	363325	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	347128	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	6470	6.60	ng/uL	0.00
5) Phenol-d5	7.51	99	89840	17.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.67	67	52980	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	63021	19.93	ng/ul	0.01
13) 4-Methylphenol-d8	9.05	113	77460	18.49	ng/ul	0.01
19) Nitrobenzene-d5	9.53	128	32586	19.02	ng/ul	0.01
22) 2-Nitrophenol-d4	10.24	143	39670	21.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	76019	19.56	ng/ul	0.01
29) 4-Chloroaniline-d4	11.30	131	91113	21.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	239040	18.42	ng/ul	0.01
46) Acenaphthylene-d8	14.66	160	292858	20.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	32003	15.51	ng/ul	0.01
57) Fluorene-d10	15.95	176	215823	18.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	32773	16.40	ng/ul	0.01
70) Anthracene-d10	17.81	188	307639	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	336931	18.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	322796	19.86	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	8143	7.912	ng/uL#	91
4) Benzaldehyde	7.49	77	58499	20.200	ng/ul	93
6) Phenol	7.54	94	88392	17.748	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.76	93	58286	17.180	ng/ul	98
10) 2-Chlorophenol	7.92	128	59526	19.322	ng/ul	93
11) 2-Methylphenol	8.79	108	67733	19.267	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.88	45	123853	15.039	ng/ul#	94
14) Acetophenone	9.18	105	102904	17.227	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.15	70	57629	16.975	ng/ul#	84
16) 4-Methylphenol	9.12	108	72456	18.254	ng/ul	100
17) Hexachloroethane	9.43	117	24903	19.507	ng/ul	94
20) Nitrobenzene	9.56	77	90142	18.178	ng/ul	97
21) Isophorone	10.08	82	162308	17.228	ng/ul	96
23) 2-Nitrophenol	10.27	139	39046	20.592	ng/ul	87
24) 2,4-Dimethylphenol	10.33	107	87518	18.570	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.55	93	89512	17.443	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	72888	20.604	ng/ul	96
28) Naphthalene	11.23	128	212087	19.547	ng/ul	98
30) 4-Chloroaniline	11.33	127	83426	19.896	ng/ul	95
31) Hexachlorobutadiene	11.50	225	56844	21.769	ng/ul#	89
32) Caprolactam	12.08	113	24340	16.546	ng/ul	78
33) 4-Chloro-3-methylphenol	12.44	107	85921	19.028	ng/ul	96
34) 2-Methylnaphthalene	12.81	142	162114	18.602	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	110998	23.599	ng/ul	89
37) Hexachlorocyclopentadiene	13.14	237	26182	10.088	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.41	196	68367	23.321	ng/ul	87
39) 2,4,5-Trichlorophenol	13.48	196	72721	22.758	ng/ul	95
40) 1,1'-Biphenyl	13.79	154	219200	20.567	ng/ul	98
41) 2-Chloronaphthalene	13.84	162	170322	20.223	ng/ul	94
42) 2-Nitroaniline	14.05	65	62265	17.632	ng/ul	96
44) Dimethylphthalate	14.40	163	217476	18.198	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	47769	19.360	ng/ul#	92
47) Acenaphthylene	14.69	152	274600	19.636	ng/ul	99
48) 3-Nitroaniline	14.87	138	41265	18.573	ng/ul#	93
49) Acenaphthene	15.02	153	186172	19.731	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	16568	11.918	ng/ul#	84
52) 4-Nitrophenol	15.18	109	31132	14.560	ng/ul	92
53) Dibenzofuran	15.36	168	260386	18.927	ng/ul	96
54) 2,4-Dinitrotoluene	15.32	165	69301	18.533	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.59	232	60994	20.495	ng/ul#	99
56) Diethylphthalate	15.75	149	235470	16.796	ng/ul	96
58) Fluorene	16.00	166	220277	18.086	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.98	204	124487	19.050	ng/ul	86
60) 4-Nitroaniline	16.03	138	44578	16.912	ng/ul#	81
64) N-Nitrosodiphenylamine	16.20	169	182821	22.589	ng/ul	94
65) 4-Bromophenyl-phenylether	16.88	248	78694	23.800	ng/ul	94
66) Hexachlorobenzene	17.02	284	84110	23.895	ng/ul	92
67) Atrazine	17.14	200	75206	21.313	ng/ul	93
68) Pentachlorophenol	17.36	266	37404	20.979	ng/ul	94
69) Phenanthrene	17.84	178	335277	21.656	ng/ul	98
71) Anthracene	17.84	178	335277	21.189	ng/ul	99
72) Carbazole	18.11	167	282231	20.509	ng/ul	99
74) Fluoranthene	19.75	202	375013	19.931	ng/ul	99
77) Pyrene	20.11	202	392553	18.110	ng/ul	98
78) Butylbenzylphthalate	20.97	149	156692	19.296	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.92	252	136188	19.429	ng/ul	96
80) Benzo(a)anthracene	22.02	228	408752	19.471	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.87	149	226204	19.587	ng/ul	96
82) Chrysene	22.10	228	373544	19.758	ng/ul	95
84) Di-n-octyl phthalate	23.18	149	386416	18.575	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	395851	19.056	ng/ul	99
86) Benzo(k)fluoranthene	24.50	252	416060	20.505	ng/ul	94
88) Benzo(a)pyrene	25.40	252	388922	19.337	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.60	276	343749	14.595	ng/ul	96
90) Dibenzo(a,h)anthracene	29.66	278	303708	15.385	ng/ul	96
91) Benzo(g,h,i)perylene	30.86	276	231681	11.957	ng/ul	94

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

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