Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082719\
Data File : BG042510.D
Acq On : 27 Aug 2019 13:42
Operator : HP/JU
Sample : MDL-S-03
Misc : MDL-S-4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S402-K1-1.0-1.5-082619

Quant Time: Aug 27 14:18:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 16 15:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40870	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.82	136	165012	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.66	164	121722	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.41	188	284145	20.00	ng/ul	-0.02
78) Chrysene-d12	21.68	240	307857	20.00	ng/ul	-0.03
86) Perylene-d12	24.93	264	355030	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	1197	1.39	ng/uL	-0.02
5) Phenol-d5	7.16	99	76737	25.82	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	41668	27.86	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.53	132	71892	27.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.72	113	66667	26.34	ng/ul	-0.01
19) Nitrobenzene-d5	9.16	128	35172	27.68	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.90	143	44191	29.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.44	165	79122	25.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.96	131	96502	29.45	ng/ul	-0.01
44) Dimethylphthalate-d6	14.06	166	270686	28.58	ng/ul	-0.02
47) Acenaphthylene-d8	14.35	160	329466	29.64	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.87	143	30041	20.10	ng/ul	0.00
58) Fluorene-d10	15.66	176	238575	28.28	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	44210	22.80	ng/ul	-0.01
71) Anthracene-d10	17.51	188	402959	29.14	ng/ul	-0.02
79) Pyrene-d10	19.80	212	483856	28.80	ng/ul	-0.02
90) Benzo(a)pyrene-d12	24.70	264	504112	27.36	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	2033	2.454	ng/uL#	93
4) Benzaldehyde	7.14	77	3898	2.719	ng/ul	90
6) Phenol	7.19	94	11003	3.623	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.41	93	9346	4.074	ng/ul	91
10) 2-Chlorophenol	7.57	128	10460	3.872	ng/ul	99
11) 2-Methylphenol	8.45	108	8472	3.432	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	6902	2.315	ng/ul#	92
14) Acetophenone	8.83	105	14622	3.889	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.81	70	7242	3.961	ng/ul#	97
16) 4-Methylphenol	8.78	108	9890	3.751	ng/ul	97
17) Hexachloroethane	9.09	117	4422	4.087	ng/ul	90
20) Nitrobenzene	9.21	77	10150	3.944	ng/ul	94
21) Isophorone	9.73	82	18697	3.646	ng/ul	100
23) 2-Nitrophenol	9.93	139	6255	3.953	ng/ul	96
24) 2,4-Dimethylphenol	9.99	107	11222	3.873	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	11667	3.669	ng/ul#	96
27) 2,4-Dichlorophenol	10.47	162	9923	3.404	ng/ul#	80
28) Naphthalene	10.87	128	33292	3.948	ng/ul#	94
30) 4-Chloroaniline	10.98	127	11428	3.532	ng/ul	92
31) Hexachlorobutadiene	11.16	225	8712	3.943	ng/ul	99
32) Caprolactam	11.85	113	362	0.379	ng/ul	90
33) 4-Chloro-3-methylphenol	12.14	107	8573	3.164	ng/ul#	88
34) 2-Methylnaphthalene	12.49	142	26795	3.990	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	25285	3.933	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	16954	3.898	ng/ul	98
38) Hexachlorocyclopentadiene	12.84	237	4355	1.902	ng/ul#	83
39) 2,4,6-Trichlorophenol	13.11	196	8189	3.010	ng/ul	93
40) 2,4,5-Trichlorophenol	13.20	196	9824	3.340	ng/ul	89
41) 1,1'-Biphenyl	13.49	154	35098	3.979	ng/ul	95
42) 2-Chloronaphthalene	13.53	162	28981	4.009	ng/ul	94
43) 2-Nitroaniline	13.74	65	5196	3.296	ng/ul	93
45) Dimethylphthalate	14.10	163	37898	4.065	ng/ul#	98
46) 2,6-Dinitrotoluene	14.23	165	7738	3.655	ng/ul	96
48) Acenaphthylene	14.38	152	43760	4.038	ng/ul	99
49) 3-Nitroaniline	14.58	138	4680	2.882	ng/ul	95
50) Acenaphthene	14.72	153	29762	3.904	ng/ul	99
51) 2,4-Dinitrophenol	14.81	184	161	0.146	ng/ul#	34
53) 4-Nitrophenol	14.89	109	3174	3.253	ng/ul#	86
54) Dibenzofuran	15.06	168	45710	4.049	ng/ul	98
55) 2,4-Dinitrotoluene	15.03	165	11220	3.746	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.30	232	9373	3.369	ng/ul#	96
57) Diethylphthalate	15.47	149	36794	4.038	ng/ul	97
59) Fluorene	15.71	166	36616	4.017	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.70	204	21343	4.043	ng/ul	99
61) 4-Nitroaniline	15.74	138	5560	3.103	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.80	198	6775	3.274	ng/ul#	86
65) N-Nitrosodiphenylamine	15.91	169	32725	3.807	ng/ul	99
66) 4-Bromophenyl-phenylether	16.60	248	14160	3.740	ng/ul	97
67) Hexachlorobenzene	16.72	284	15907	3.982	ng/ul	97
68) Atrazine	16.87	200	13360	3.700	ng/ul	91
69) Pentachlorophenol	17.11	266	923	0.434	ng/ul	89
70) Phenanthrene	17.45	178	65352	4.147	ng/ul	99
72) Anthracene	17.55	178	65716	4.141	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	17509	3.845	ng/uL	95
74) Pentachlorobenzene	14.99	250	18380	3.829	ng/uL	98
75) Carbazole	17.82	167	51174	3.907	ng/ul	97
76) Di-n-butylphthalate	18.38	149	64403	4.035	ng/ul	99
77) Fluoranthene	19.47	202	85300	4.669	ng/ul	98
80) Pyrene	19.83	202	86146	4.239	ng/ul	99
81) Butylbenzylphthalate	20.71	149	29965	3.808	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.59	252	25846	3.503	ng/ul#	90
83) Benzo(a)anthracene	21.67	228	87341	4.149	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	43244	3.973	ng/ul	98
85) Chrysene	21.73	228	82324	4.146	ng/ul	100
87) Di-n-octyl phthalate	22.79	149	74890	4.323	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	84050	3.875	ng/ul	96
89) Benzo(k)fluoranthene	23.96	252	86161	4.101	ng/ul	98
91) Benzo(a)pyrene	24.77	252	83119	3.976	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.64	276	78994	3.167	ng/ul	97
93) Dibenzo(a,h)anthracene	28.71	278	73040	3.547	ng/ul	98
94) Benzo(g,h,i)perylene	29.78	276	35740	1.702	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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