Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004388.D
Acq On : 13 Feb 2019 12:20
Operator : JU/SJ
Sample : MDL-W-03
Misc : 1PPM/4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-03

Quant Time: Feb 13 14:47:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 09 05:34:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	125535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	79926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	197084	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	263945	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	306870	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3090	6.93	ng/uL	0.00
5) Phenol-d5	6.90	99	59362	24.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	32563	27.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	53726	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	52167	25.40	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24555	29.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25702	29.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	53225	27.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	74093	34.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	199216	29.39	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	237863	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31837	24.54	ng/ul	0.00
58) Fluorene-d10	15.38	176	174452	29.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26835	23.35	ng/ul	0.00
71) Anthracene-d10	17.23	188	285158	30.19	ng/ul	0.00
79) Pyrene-d10	19.53	212	347121	29.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425076	26.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	851	1.551	ng/uL#	76
4) Benzaldehyde	6.90	77	3653	2.663	ng/ul	95
6) Phenol	6.93	94	8746	3.666	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	6459	3.785	ng/ul	93
10) 2-Chlorophenol	7.30	128	7469	3.872	ng/ul	98
11) 2-Methylphenol	8.18	108	6092	3.193	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	7814	3.863	ng/ul#	96
14) Acetophenone	8.57	105	10985	3.589	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	4272	3.254	ng/ul#	96
16) 4-Methylphenol	8.50	108	7200	3.409	ng/ul	98
17) Hexachloroethane	8.82	117	2601	3.851	ng/ul	91
20) Nitrobenzene	8.95	77	7743	4.259	ng/ul	97
21) Isophorone	9.46	82	12463	3.346	ng/ul	99
23) 2-Nitrophenol	9.65	139	3876	3.983	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	8476	3.862	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	8886	3.677	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	7717	3.974	ng/ul	94
28) Naphthalene	10.58	128	27981	4.323	ng/ul	100
30) 4-Chloroaniline	10.70	127	8250	3.789	ng/ul	98
31) Hexachlorobutadiene	10.85	225	5437	4.331	ng/ul	98
32) Caprolactam	11.48	113	1179	1.798	ng/ul	99
33) 4-Chloro-3-methylphenol	11.81	107	6959	3.323	ng/ul	96
34) 2-Methylnaphthalene	12.20	142	20748	4.179	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	20299	4.146	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11442	4.300	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	5993	3.623	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	5092	3.239	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	6012	3.404	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	27585	4.271	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	20907	4.162	ng/ul	97
43) 2-Nitroaniline	13.47	65	2952	2.879	ng/ul	97
45) Dimethylphthalate	13.84	163	27761	4.143	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3573	3.024	ng/ul	94
48) Acenaphthylene	14.11	152	32489	4.261	ng/ul	100
49) 3-Nitroaniline	14.30	138	2885	2.393	ng/ul#	96
50) Acenaphthene	14.45	153	23389	4.258	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1642	2.234	ng/ul	99
53) 4-Nitrophenol	14.59	109	3616	3.748	ng/ul	97
54) Dibenzofuran	14.79	168	34224	4.307	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	6272	3.384	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5649	3.506	ng/ul#	99
57) Diethylphthalate	15.21	149	24481	3.702	ng/ul	99
59) Fluorene	15.43	166	27847	4.325	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	14743	4.327	ng/ul	97
61) 4-Nitroaniline	15.46	138	3797	2.420	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	4226	3.498	ng/ul#	86
65) N-Nitrosodiphenylamine	15.65	169	22941	4.065	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	9126	4.144	ng/ul	100
67) Hexachlorobenzene	16.43	284	10908	4.229	ng/ul	97
68) Atrazine	16.60	200	6716	3.089	ng/ul	99
69) Pentachlorophenol	16.77	266	3938	2.619	ng/ul	97
70) Phenanthrene	17.17	178	46936	4.292	ng/ul	98
72) Anthracene	17.27	178	47520	4.316	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11824	4.374	ng/uL	99
74) Pentachlorobenzene	14.70	250	12655	4.380	ng/uL	98
75) Carbazole	17.54	167	38291	3.893	ng/ul	99
76) Di-n-butylphthalate	18.10	149	31837	2.948	ng/ul	99
77) Fluoranthene	19.20	202	53955	4.008	ng/ul	98
80) Pyrene	19.56	202	62069	4.252	ng/ul	99
81) Butylbenzylphthalate	20.47	149	12659	2.524	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	12345	2.230	ng/ul	100
83) Benzo(a)anthracene	21.32	228	65965	4.055	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	18808	2.502	ng/ul	99
85) Chrysene	21.37	228	65710	4.255	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	34629	2.357	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	72412	3.984	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	70574	3.995	ng/ul	99
91) Benzo(a)pyrene	23.50	252	73856	4.165	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	91031	4.043	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	76619	4.090	ng/ul	99
94) Benzo(g,h,i)perylene	26.60	276	77336	4.098	ng/ul	99

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

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