Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004390.D
Acq On : 13 Feb 2019 13:30
Operator : JU/SJ
Sample : MDL-W-05
Misc : 1PPM/4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-05

Quant Time: Feb 13 15:04:37 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	26704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	126110	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82137	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	202327	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	269382	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	314170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2758	6.21	ng/uL	0.00
5) Phenol-d5	6.90	99	58150	24.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	32616	27.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	52374	27.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	50836	24.85	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24049	28.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25440	29.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	52491	26.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	74681	34.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	200240	28.75	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	238072	28.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31805	23.85	ng/ul	0.00
58) Fluorene-d10	15.38	176	176529	28.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26808	22.72	ng/ul	0.00
71) Anthracene-d10	17.23	188	287501	29.65	ng/ul	0.00
79) Pyrene-d10	19.53	212	350247	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425380	25.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	791	1.447	ng/uL#	76
4) Benzaldehyde	6.90	77	3012	2.205	ng/ul	95
6) Phenol	6.93	94	7214	3.036	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	5505	3.239	ng/ul	93
10) 2-Chlorophenol	7.31	128	6140	3.195	ng/ul	99
11) 2-Methylphenol	8.18	108	4972	2.616	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6623	3.287	ng/ul	99
14) Acetophenone	8.57	105	9237	3.030	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	3626	2.773	ng/ul#	92
16) 4-Methylphenol	8.50	108	6094	2.897	ng/ul	91
17) Hexachloroethane	8.82	117	2202	3.273	ng/ul	94
20) Nitrobenzene	8.95	77	6529	3.574	ng/ul	99
21) Isophorone	9.46	82	10375	2.773	ng/ul	98
23) 2-Nitrophenol	9.65	139	3372	3.449	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	6934	3.145	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	7563	3.115	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	6527	3.346	ng/ul	91
28) Naphthalene	10.59	128	23549	3.622	ng/ul	100
30) 4-Chloroaniline	10.70	127	7051	3.224	ng/ul	95
31) Hexachlorobutadiene	10.85	225	4607	3.653	ng/ul	95
32) Caprolactam	11.48	113	1045	1.586	ng/ul	93
33) 4-Chloro-3-methylphenol	11.81	107	5830	2.771	ng/ul	100
34) 2-Methylnaphthalene	12.20	142	17475	3.504	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	17475	3.553	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9700	3.547	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	5155	3.032	ng/ul	96
39) 2,4,6-Trichlorophenol	12.80	196	4313	2.670	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	5084	2.801	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	23578	3.553	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	18109	3.508	ng/ul	99
43) 2-Nitroaniline	13.47	65	2277	2.161	ng/ul	90
45) Dimethylphthalate	13.85	163	23578	3.424	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	3023	2.490	ng/ul	95
48) Acenaphthylene	14.11	152	27549	3.516	ng/ul	99
49) 3-Nitroaniline	14.30	138	2414	1.948	ng/ul#	96
50) Acenaphthene	14.45	153	20157	3.571	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1316	1.742	ng/ul	99
53) 4-Nitrophenol	14.59	109	3155	3.182	ng/ul	91
54) Dibenzofuran	14.79	168	29737	3.642	ng/ul	100
55) 2,4-Dinitrotoluene	14.76	165	5152	2.705	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4829	2.916	ng/ul#	97
57) Diethylphthalate	15.21	149	21019	3.093	ng/ul	100
59) Fluorene	15.43	166	23422	3.540	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	12694	3.626	ng/ul	99
61) 4-Nitroaniline	15.46	138	2998	1.859	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3747	3.021	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	19685	3.397	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	7728	3.418	ng/ul	98
67) Hexachlorobenzene	16.43	284	9338	3.526	ng/ul	99
68) Atrazine	16.60	200	5797	2.598	ng/ul	99
69) Pentachlorophenol	16.77	266	3340	2.164	ng/ul	94
70) Phenanthrene	17.17	178	40613	3.618	ng/ul	100
72) Anthracene	17.27	178	40997	3.627	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10112	3.644	ng/uL	96
74) Pentachlorobenzene	14.70	250	10871	3.665	ng/uL	96
75) Carbazole	17.54	167	32616	3.230	ng/ul	99
76) Di-n-butylphthalate	18.10	149	27095	2.444	ng/ul	99
77) Fluoranthene	19.20	202	46071	3.334	ng/ul	99
80) Pyrene	19.56	202	52743	3.540	ng/ul	99
81) Butylbenzylphthalate	20.47	149	10734	2.097	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	10293	1.822	ng/ul	96
83) Benzo(a)anthracene	21.32	228	56439	3.399	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	15631	2.037	ng/ul	99
85) Chrysene	21.37	228	56856	3.607	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	28819	1.916	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	61438	3.302	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	61247	3.386	ng/ul	99
91) Benzo(a)pyrene	23.50	252	63387	3.491	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	76999	3.340	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	65977	3.440	ng/ul	97
94) Benzo(g,h,i)perylene	26.60	276	66352	3.434	ng/ul	97

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

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