Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004392.D
Acq On : 13 Feb 2019 14:41
Operator : JU/SJ
Sample : MDL-W-07
Misc : 1PPM/4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-07

Quant Time: Feb 13 15:14:00 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	23853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	113869	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	75200	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	185933	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	250937	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	294343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2899	7.31	ng/uL	0.00
5) Phenol-d5	6.90	99	52620	24.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29273	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	47247	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	46185	25.28	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	21833	28.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	22651	28.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	47714	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	67474	34.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	184144	28.87	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	218646	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	28828	23.61	ng/ul	0.00
58) Fluorene-d10	15.38	176	162119	28.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	24562	22.65	ng/ul	0.00
71) Anthracene-d10	17.23	188	264758	29.71	ng/ul	0.00
79) Pyrene-d10	19.53	212	323428	28.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	401910	26.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	782	1.602	ng/uL#	81
4) Benzaldehyde	6.90	77	3140	2.573	ng/ul	94
6) Phenol	6.93	94	7531	3.548	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5912	3.894	ng/ul	95
10) 2-Chlorophenol	7.31	128	6531	3.805	ng/ul	98
11) 2-Methylphenol	8.18	108	5465	3.219	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.27	45	6887	3.827	ng/ul	97
14) Acetophenone	8.57	105	9391	3.449	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	3625	3.103	ng/ul#	93
16) 4-Methylphenol	8.50	108	6402	3.407	ng/ul	98
17) Hexachloroethane	8.82	117	2255	3.753	ng/ul	97
20) Nitrobenzene	8.95	77	6639	4.025	ng/ul	98
21) Isophorone	9.46	82	11112	3.289	ng/ul	98
23) 2-Nitrophenol	9.66	139	3479	3.941	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	7347	3.690	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	7687	3.507	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	6808	3.865	ng/ul	92
28) Naphthalene	10.59	128	24222	4.126	ng/ul	98
30) 4-Chloroaniline	10.70	127	7315	3.704	ng/ul	99
31) Hexachlorobutadiene	10.86	225	4821	4.233	ng/ul	95
32) Caprolactam	11.48	113	994	1.671	ng/ul	90
33) 4-Chloro-3-methylphenol	11.81	107	6177	3.252	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	17921	3.979	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	17626	3.969 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9986	3.989 ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5339	3.430 ng/ul	98
39) 2,4,6-Trichlorophenol	12.81	196	4541	3.070 ng/ul	93
40) 2,4,5-Trichlorophenol	12.87	196	5267	3.170 ng/ul	96
41) 1,1'-Biphenyl	13.22	154	24283	3.996 ng/ul	98
42) 2-Chloronaphthalene	13.26	162	18967	4.013 ng/ul	99
43) 2-Nitroaniline	13.47	65	2462	2.552 ng/ul	96
45) Dimethylphthalate	13.85	163	24878	3.946 ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3156	2.839 ng/ul	97
48) Acenaphthylene	14.11	152	28430	3.963 ng/ul	99
49) 3-Nitroaniline	14.30	138	2518	2.220 ng/ul#	96
50) Acenaphthene	14.45	153	20642	3.994 ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1281	1.852 ng/ul	93
53) 4-Nitrophenol	14.59	109	3155	3.475 ng/ul	94
54) Dibenzofuran	14.79	168	30858	4.128 ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	5555	3.186 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4742	3.128 ng/ul#	97
57) Diethylphthalate	15.21	149	21962	3.530 ng/ul	99
59) Fluorene	15.43	166	25175	4.156 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	13275	4.141 ng/ul	98
61) 4-Nitroaniline	15.46	138	3075	2.083 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	3740	3.281 ng/ul#	81
65) N-Nitrosodiphenylamine	15.65	169	20520	3.854 ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	8015	3.858 ng/ul	97
67) Hexachlorobenzene	16.43	284	9759	4.010 ng/ul	100
68) Atrazine	16.60	200	6195	3.021 ng/ul	98
69) Pentachlorophenol	16.77	266	3344	2.357 ng/ul	94
70) Phenanthrene	17.17	178	42565	4.126 ng/ul	100
72) Anthracene	17.27	178	42425	4.085 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10411	4.082 ng/uL	95
74) Pentachlorobenzene	14.70	250	11396	4.181 ng/uL	97
75) Carbazole	17.54	167	34193	3.685 ng/ul	99
76) Di-n-butylphthalate	18.10	149	28809	2.828 ng/ul	99
77) Fluoranthene	19.20	202	49080	3.865 ng/ul	99
80) Pyrene	19.56	202	55770	4.019 ng/ul	98
81) Butylbenzylphthalate	20.47	149	11285	2.367 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.26	252	11113	2.111 ng/ul	99
83) Benzo(a)anthracene	21.32	228	59459	3.845 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	16968	2.374 ng/ul	100
85) Chrysene	21.37	228	59960	4.084 ng/ul	98
87) Di-n-octyl phthalate	22.13	149	31141	2.210 ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	65769	3.773 ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	65519	3.866 ng/ul	99
91) Benzo(a)pyrene	23.50	252	67930	3.994 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	83127	3.849 ng/ul	97
93) Dibenzo(a,h)anthracene	25.92	278	70591	3.928 ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	71064	3.926 ng/ul	97

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

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