Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004408.D
Acq On : 14 Feb 2019 00:17
Operator : JU/SJ
Sample : MDL-S-ME-06
Misc : 1PPM/4PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-06

Quant Time: Feb 14 06:52:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	25206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	124059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	80609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	204284	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	275312	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	313455	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3042	7.26	ng/uL	0.00
5) Phenol-d5	6.90	99	56636	25.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	30919	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	50619	27.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	49935	25.86	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	23901	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25872	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	51780	26.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	73858	34.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	203154	29.72	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	241115	29.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	32731	25.01	ng/ul	0.00
58) Fluorene-d10	15.38	176	176793	29.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	27837	23.37	ng/ul	0.00
71) Anthracene-d10	17.23	188	289125	29.53	ng/ul	0.00
79) Pyrene-d10	19.53	212	358706	29.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	440366	26.77	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	724	1.403	ng/uL#	24
4) Benzaldehyde	6.90	77	3435	2.664	ng/ul	94
6) Phenol	6.93	94	7873	3.510	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.18	93	6067	3.781	ng/ul	98
10) 2-Chlorophenol	7.30	128	6846	3.775	ng/ul	96
11) 2-Methylphenol	8.18	108	5538	3.087	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	7471	3.929	ng/ul	98
14) Acetophenone	8.57	105	10501	3.649	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	4043	3.275	ng/ul#	96
16) 4-Methylphenol	8.50	108	6973	3.512	ng/ul	96
17) Hexachloroethane	8.82	117	2314	3.644	ng/ul#	76
20) Nitrobenzene	8.95	77	7234	4.026	ng/ul	98
21) Isophorone	9.46	82	12008	3.262	ng/ul	99
23) 2-Nitrophenol	9.65	139	3931	4.088	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	8064	3.718	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	8515	3.565	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	7404	3.858	ng/ul	93
28) Naphthalene	10.58	128	26464	4.137	ng/ul	99
30) 4-Chloroaniline	10.70	127	8093	3.761	ng/ul	98
31) Hexachlorobutadiene	10.85	225	5129	4.134	ng/ul	97
32) Caprolactam	11.48	113	1210	1.867	ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	6902	3.335	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	19778	4.031	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	19723	4.076 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11389	4.244 ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	5527	3.313 ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	5126	3.233 ng/ul	97
40) 2,4,5-Trichlorophenol	12.88	196	5899	3.312 ng/ul	95
41) 1,1'-Biphenyl	13.22	154	26696	4.099 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	20674	4.081 ng/ul	98
43) 2-Nitroaniline	13.47	65	2861	2.766 ng/ul	97
45) Dimethylphthalate	13.84	163	27392	4.053 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3620	3.038 ng/ul	97
48) Acenaphthylene	14.10	152	31811	4.137 ng/ul	99
49) 3-Nitroaniline	14.30	138	2905	2.389 ng/ul#	95
50) Acenaphthene	14.45	153	22972	4.147 ng/ul	97
51) 2,4-Dinitrophenol	14.50	184	1488	2.007 ng/ul	94
53) 4-Nitrophenol	14.59	109	3666	3.767 ng/ul	96
54) Dibenzofuran	14.79	168	33662	4.201 ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	6209	3.322 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5650	3.477 ng/ul#	98
57) Diethylphthalate	15.21	149	24402	3.659 ng/ul	99
59) Fluorene	15.43	166	27062	4.167 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	14516	4.225 ng/ul	98
61) 4-Nitroaniline	15.46	138	3717	2.349 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	4204	3.357 ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	22900	3.914 ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	8833	3.870 ng/ul	98
67) Hexachlorobenzene	16.43	284	11069	4.140 ng/ul	98
68) Atrazine	16.59	200	6910	3.067 ng/ul	98
69) Pentachlorophenol	16.77	266	3906	2.506 ng/ul	97
70) Phenanthrene	17.17	178	46381	4.092 ng/ul	99
72) Anthracene	17.26	178	46568	4.081 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	11650	4.158 ng/uL	98
74) Pentachlorobenzene	14.69	250	12420	4.147 ng/uL	95
75) Carbazole	17.54	167	38398	3.766 ng/ul	100
76) Di-n-butylphthalate	18.10	149	32866	2.936 ng/ul	99
77) Fluoranthene	19.19	202	54119	3.879 ng/ul	98
80) Pyrene	19.56	202	61430	4.035 ng/ul	98
81) Butylbenzylphthalate	20.46	149	13302	2.543 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	12228	2.118 ng/ul	98
83) Benzo(a)anthracene	21.31	228	66185	3.901 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	19969	2.547 ng/ul	99
85) Chrysene	21.36	228	65607	4.073 ng/ul	98
87) Di-n-octyl phthalate	22.13	149	36707	2.446 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	73774	3.974 ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	71058	3.937 ng/ul	99
91) Benzo(a)pyrene	23.50	252	75058	4.144 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	91673	3.986 ng/ul	97
93) Dibenzo(a,h)anthracene	25.90	278	76971	4.022 ng/ul	99
94) Benzo(g,h,i)perylene	26.59	276	77276	4.009 ng/ul	99

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

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