Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004407.D
Acq On : 13 Feb 2019 23:41
Operator : JU/SJ
Sample : MDL-S-ME-05
Misc : 1PPM/4PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-05

Quant Time: Feb 14 06:52:20 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	24506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	118820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	78737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	196407	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	266840	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	308006	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2719	6.67	ng/uL	0.00
5) Phenol-d5	6.90	99	53716	24.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	30179	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48550	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	47749	25.44	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	22817	29.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24178	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	49228	26.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	70611	34.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	192202	28.78	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	228378	28.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	30922	24.19	ng/ul	0.00
58) Fluorene-d10	15.38	176	169909	28.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26112	22.80	ng/ul	0.00
71) Anthracene-d10	17.23	188	276421	29.37	ng/ul	0.00
79) Pyrene-d10	19.53	212	341973	28.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	421432	26.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	623	1.242	ng/uL#	24
4) Benzaldehyde	6.90	77	2725	2.174	ng/ul	93
6) Phenol	6.93	94	6596	3.025	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.18	93	5120	3.282	ng/ul	98
10) 2-Chlorophenol	7.31	128	5699	3.232	ng/ul	99
11) 2-Methylphenol	8.18	108	4762	2.730	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6275	3.394	ng/ul	97
14) Acetophenone	8.57	105	8596	3.073	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	3464	2.886	ng/ul#	94
16) 4-Methylphenol	8.50	108	5608	2.905	ng/ul	99
17) Hexachloroethane	8.82	117	1935	3.134	ng/ul	86
20) Nitrobenzene	8.95	77	5938	3.450	ng/ul	98
21) Isophorone	9.46	82	10238	2.904	ng/ul	100
23) 2-Nitrophenol	9.65	139	3215	3.491	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	6815	3.280	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.95	93	7033	3.075	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	6342	3.451	ng/ul	95
28) Naphthalene	10.58	128	22056	3.600	ng/ul	98
30) 4-Chloroaniline	10.70	127	6798	3.299	ng/ul	99
31) Hexachlorobutadiene	10.85	225	4391	3.695	ng/ul	97
32) Caprolactam	11.48	113	943	1.519	ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	5504	2.777	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	16545	3.521	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16259	3.509 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9304	3.550 ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	4786	2.937 ng/ul	95
39) 2,4,6-Trichlorophenol	12.80	196	4270	2.757 ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	4821	2.771 ng/ul	97
41) 1,1'-Biphenyl	13.22	154	22602	3.553 ng/ul	100
42) 2-Chloronaphthalene	13.26	162	17257	3.487 ng/ul	98
43) 2-Nitroaniline	13.47	65	2438	2.413 ng/ul	96
45) Dimethylphthalate	13.85	163	22910	3.471 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	2835	2.436 ng/ul	97
48) Acenaphthylene	14.11	152	26732	3.559 ng/ul	99
49) 3-Nitroaniline	14.30	138	2318	1.952 ng/ul#	89
50) Acenaphthene	14.45	153	19471	3.598 ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1079	1.490 ng/ul	96
53) 4-Nitrophenol	14.59	109	3025	3.182 ng/ul	97
54) Dibenzofuran	14.79	168	28342	3.621 ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	5084	2.785 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4477	2.820 ng/ul#	97
57) Diethylphthalate	15.20	149	20420	3.135 ng/ul	99
59) Fluorene	15.43	166	22946	3.618 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	12331	3.674 ng/ul	99
61) 4-Nitroaniline	15.46	138	2890	1.869 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	3628	3.013 ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	18941	3.367 ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	7539	3.435 ng/ul	97
67) Hexachlorobenzene	16.43	284	9084	3.534 ng/ul	99
68) Atrazine	16.59	200	5524	2.550 ng/ul	95
69) Pentachlorophenol	16.77	266	3202	2.137 ng/ul	99
70) Phenanthrene	17.17	178	39160	3.594 ng/ul	100
72) Anthracene	17.26	178	39438	3.595 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9811	3.642 ng/uL	97
74) Pentachlorobenzene	14.70	250	10393	3.609 ng/uL	97
75) Carbazole	17.54	167	31712	3.235 ng/ul	99
76) Di-n-butylphthalate	18.10	149	26933	2.503 ng/ul	99
77) Fluoranthene	19.19	202	45836	3.417 ng/ul	98
80) Pyrene	19.56	202	51841	3.513 ng/ul	98
81) Butylbenzylphthalate	20.46	149	10770	2.124 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	9668	1.727 ng/ul	100
83) Benzo(a)anthracene	21.31	228	55641	3.383 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	16133	2.123 ng/ul	100
85) Chrysene	21.36	228	55654	3.565 ng/ul	99
87) Di-n-octyl phthalate	22.13	149	29500	2.000 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	61415	3.367 ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	60466	3.410 ng/ul	100
91) Benzo(a)pyrene	23.50	252	63132	3.547 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	77228	3.417 ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	65027	3.458 ng/ul	99
94) Benzo(g,h,i)perylene	26.59	276	65741	3.471 ng/ul	97

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

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