Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004391.D
Acq On : 13 Feb 2019 14:06
Operator : JU/SJ
Sample : MDL-S-ME-01
Misc : 1PPM/4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-01

Quant Time: Feb 14 16:37:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	25257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	119970	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77740	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	191311	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	253991	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	296001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2618	6.23	ng/uL	0.00
5) Phenol-d5	6.90	99	58683	26.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	32860	29.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	52568	28.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	51665	26.70	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24196	30.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25156	30.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	52692	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	74874	36.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	198359	30.09	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	238245	30.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31071	24.62	ng/ul	0.00
58) Fluorene-d10	15.38	176	174988	30.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26248	23.53	ng/ul	0.00
71) Anthracene-d10	17.23	188	283284	30.90	ng/ul	0.00
79) Pyrene-d10	19.53	212	347501	30.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425610	27.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	683	1.321	ng/uL#	80
4) Benzaldehyde	6.90	77	3111	2.408	ng/ul	91
6) Phenol	6.93	94	7436	3.309	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5562	3.460	ng/ul	99
10) 2-Chlorophenol	7.31	128	6353	3.496	ng/ul	99
11) 2-Methylphenol	8.18	108	4996	2.779	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6838	3.589	ng/ul	98
14) Acetophenone	8.57	105	9063	3.143	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.55	70	3649	2.950	ng/ul#	94
16) 4-Methylphenol	8.50	108	6292	3.162	ng/ul	95
17) Hexachloroethane	8.82	117	2160	3.395	ng/ul	99
20) Nitrobenzene	8.95	77	6375	3.669	ng/ul	98
21) Isophorone	9.46	82	10618	2.983	ng/ul	99
23) 2-Nitrophenol	9.66	139	3534	3.800	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	7158	3.412	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	7580	3.282	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	6690	3.605	ng/ul	95
28) Naphthalene	10.59	128	23313	3.769	ng/ul	100
30) 4-Chloroaniline	10.70	127	7060	3.393	ng/ul	96
31) Hexachlorobutadiene	10.86	225	4677	3.898	ng/ul	97
32) Caprolactam	11.48	113	827	1.320	ng/ul	98
33) 4-Chloro-3-methylphenol	11.81	107	5825	2.910	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	17254	3.636	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	17322	3.702	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9729	3.759	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5088	3.162	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	4431	2.898	ng/ul	94
40) 2,4,5-Trichlorophenol	12.87	196	4985	2.902	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	23595	3.756	ng/ul	97
42) 2-Chloronaphthalene	13.26	162	18016	3.687	ng/ul	99
43) 2-Nitroaniline	13.47	65	2378	2.384	ng/ul	96
45) Dimethylphthalate	13.85	163	23595	3.620	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	3032	2.639	ng/ul	99
48) Acenaphthylene	14.11	152	27635	3.726	ng/ul	99
49) 3-Nitroaniline	14.30	138	2426	2.069	ng/ul#	93
50) Acenaphthene	14.45	153	20193	3.780	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1312	1.835	ng/ul#	89
53) 4-Nitrophenol	14.59	109	2854	3.041	ng/ul	88
54) Dibenzofuran	14.79	168	29764	3.851	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	5196	2.882	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4429	2.826	ng/ul#	99
57) Diethylphthalate	15.21	149	20677	3.215	ng/ul	99
59) Fluorene	15.44	166	23776	3.797	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12977	3.916	ng/ul	99
61) 4-Nitroaniline	15.46	138	2895	1.897	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	3587	3.058	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	19684	3.593	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	7714	3.609	ng/ul	98
67) Hexachlorobenzene	16.43	284	9384	3.748	ng/ul	97
68) Atrazine	16.60	200	5704	2.703	ng/ul	97
69) Pentachlorophenol	16.77	266	3356	2.299	ng/ul	97
70) Phenanthrene	17.17	178	40533	3.819	ng/ul	99
72) Anthracene	17.27	178	40523	3.792	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10072	3.838	ng/uL	97
74) Pentachlorobenzene	14.70	250	10794	3.848	ng/uL	98
75) Carbazole	17.54	167	32501	3.404	ng/ul	99
76) Di-n-butylphthalate	18.10	149	26952	2.571	ng/ul	99
77) Fluoranthene	19.20	202	46857	3.586	ng/ul	99
80) Pyrene	19.56	202	53151	3.784	ng/ul	99
81) Butylbenzylphthalate	20.47	149	10685	2.214	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.26	252	10209	1.916	ng/ul	99
83) Benzo(a)anthracene	21.32	228	56653	3.619	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	15786	2.182	ng/ul	99
85) Chrysene	21.37	228	56497	3.802	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	29188	2.060	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	61419	3.504	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	61178	3.590	ng/ul	100
91) Benzo(a)pyrene	23.50	252	63959	3.739	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	78358	3.608	ng/ul	99
93) Dibenzo(a,h)anthracene	25.91	278	65661	3.634	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	66744	3.667	ng/ul	98

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

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