Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004386.D
Acq On : 13 Feb 2019 11:10
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-01

Quant Time: Feb 13 12:08:57 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	24020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	111077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	70297	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	174653	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	236951	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	276958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2543	6.37	ng/uL	0.00
5) Phenol-d5	6.90	99	52451	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29320	27.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48169	27.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	45560	24.76	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	21434	29.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	21976	28.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	46564	26.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	65597	34.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	172841	28.99	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	206578	29.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	26858	23.53	ng/ul	0.00
58) Fluorene-d10	15.38	176	154612	29.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	22167	21.76	ng/ul	0.00
71) Anthracene-d10	17.23	188	248390	29.67	ng/ul	0.00
79) Pyrene-d10	19.53	212	306468	28.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	381589	26.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	683	1.389	ng/uL#	24
4) Benzaldehyde	6.90	77	2787	2.268	ng/ul	86
6) Phenol	6.93	94	6714	3.141	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5056	3.307	ng/ul	99
10) 2-Chlorophenol	7.31	128	5900	3.414	ng/ul	98
11) 2-Methylphenol	8.18	108	4600	2.691	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6127	3.381	ng/ul#	83
14) Acetophenone	8.57	105	8321	3.035	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	3005	2.555	ng/ul#	95
16) 4-Methylphenol	8.50	108	5540	2.928	ng/ul	100
17) Hexachloroethane	8.82	117	2102	3.474	ng/ul#	88
20) Nitrobenzene	8.95	77	5675	3.527	ng/ul	96
21) Isophorone	9.46	82	9447	2.866	ng/ul	99
23) 2-Nitrophenol	9.65	139	2995	3.478	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	6476	3.334	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	6814	3.186	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	5852	3.406	ng/ul	90
28) Naphthalene	10.58	128	21466	3.748	ng/ul	99
30) 4-Chloroaniline	10.70	127	6205	3.221	ng/ul	99
31) Hexachlorobutadiene	10.85	225	4332	3.900	ng/ul	98
32) Caprolactam	11.48	113	737	1.270	ng/ul	96
33) 4-Chloro-3-methylphenol	11.81	107	5121	2.763	ng/ul	97
34) 2-Methylnaphthalene	12.20	142	15605	3.552	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	15605	3.602	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9031	3.859	ng/ul	100
38) Hexachlorocyclopentadiene	12.53	237	4495	3.089	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	3943	2.852	ng/ul	97
40) 2,4,5-Trichlorophenol	12.88	196	4480	2.884	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	21176	3.728	ng/ul	97
42) 2-Chloronaphthalene	13.26	162	16254	3.679	ng/ul	99
43) 2-Nitroaniline	13.47	65	2109	2.338	ng/ul	91
45) Dimethylphthalate	13.85	163	20986	3.561	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	2452	2.360	ng/ul	95
48) Acenaphthylene	14.11	152	24637	3.674	ng/ul	99
49) 3-Nitroaniline	14.30	138	2098	1.978	ng/ul#	88
50) Acenaphthene	14.45	153	17909	3.707	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1129	1.746	ng/ul	92
53) 4-Nitrophenol	14.59	109	2373	2.796	ng/ul	90
54) Dibenzofuran	14.79	168	26566	3.802	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	4566	2.801	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.01	232	3941	2.781	ng/ul#	97
57) Diethylphthalate	15.21	149	18204	3.130	ng/ul	98
59) Fluorene	15.43	166	21444	3.787	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.43	204	11625	3.879	ng/ul	100
61) 4-Nitroaniline	15.46	138	2544	1.843	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.51	198	3143	2.935	ng/ul#	84
65) N-Nitrosodiphenylamine	15.65	169	17272	3.453	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	6916	3.544	ng/ul	98
67) Hexachlorobenzene	16.43	284	8387	3.669	ng/ul	99
68) Atrazine	16.60	200	5063	2.628	ng/ul	98
69) Pentachlorophenol	16.77	266	2969	2.228	ng/ul	95
70) Phenanthrene	17.17	178	36505	3.767	ng/ul	99
72) Anthracene	17.27	178	36244	3.715	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	8890	3.711	ng/uL	98
74) Pentachlorobenzene	14.70	250	9778	3.819	ng/uL	96
75) Carbazole	17.54	167	28948	3.321	ng/ul	99
76) Di-n-butylphthalate	18.10	149	23464	2.452	ng/ul	100
77) Fluoranthene	19.20	202	41622	3.489	ng/ul	98
80) Pyrene	19.56	202	47807	3.648	ng/ul	99
81) Butylbenzylphthalate	20.47	149	9231	2.050	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.26	252	8408	1.692	ng/ul	94
83) Benzo(a)anthracene	21.32	228	51202	3.506	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	13951	2.067	ng/ul	100
85) Chrysene	21.37	228	51246	3.696	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	25972	1.959	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	56110	3.421	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	56328	3.533	ng/ul	99
91) Benzo(a)pyrene	23.50	252	58257	3.640	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	71186	3.503	ng/ul	100
93) Dibenzo(a,h)anthracene	25.92	278	60568	3.582	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	61330	3.601	ng/ul	98

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

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