Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004389.D
Acq On : 13 Feb 2019 12:55
Operator : JU/SJ
Sample : MDL-W-04
Misc : 1PPM/4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-04

Quant Time: Feb 13 14:47:57 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	25371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	121010	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	190901	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	256079	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	295409	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2587	6.13	ng/uL	0.00
5) Phenol-d5	6.90	99	59617	26.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	33184	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	54490	29.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	51943	26.73	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24969	31.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	26120	31.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	54035	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	75143	35.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	200720	30.57	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	240307	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31835	25.33	ng/ul	0.00
58) Fluorene-d10	15.38	176	176687	30.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26740	24.02	ng/ul	0.00
71) Anthracene-d10	17.23	188	287397	31.41	ng/ul	0.00
79) Pyrene-d10	19.53	212	354628	30.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	439953	28.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	783	1.508	ng/uL#	79
4) Benzaldehyde	6.90	77	3236	2.493	ng/ul	95
6) Phenol	6.93	94	7910	3.504	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5769	3.572	ng/ul	97
10) 2-Chlorophenol	7.31	128	6728	3.685	ng/ul	97
11) 2-Methylphenol	8.18	108	5561	3.080	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.28	45	7112	3.716	ng/ul	98
14) Acetophenone	8.57	105	9871	3.408	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	3964	3.190	ng/ul#	94
16) 4-Methylphenol	8.50	108	6663	3.334	ng/ul	99
17) Hexachloroethane	8.82	117	2404	3.761	ng/ul	99
20) Nitrobenzene	8.95	77	7148	4.078	ng/ul	96
21) Isophorone	9.46	82	11129	3.100	ng/ul	99
23) 2-Nitrophenol	9.66	139	3521	3.754	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	7655	3.618	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	8079	3.468	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	7154	3.822	ng/ul	89
28) Naphthalene	10.59	128	25198	4.039	ng/ul	98
30) 4-Chloroaniline	10.70	127	7368	3.511	ng/ul	93
31) Hexachlorobutadiene	10.86	225	5003	4.134	ng/ul	97
32) Caprolactam	11.48	113	991	1.568	ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	6396	3.168	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	18869	3.943	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18703	3.963 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10644	4.130 ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5369	3.351 ng/ul	94
39) 2,4,6-Trichlorophenol	12.81	196	4659	3.059 ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	5360	3.133 ng/ul	93
41) 1,1'-Biphenyl	13.22	154	24885	3.978 ng/ul	100
42) 2-Chloronaphthalene	13.26	162	19335	3.974 ng/ul	100
43) 2-Nitroaniline	13.47	65	2692	2.710 ng/ul	94
45) Dimethylphthalate	13.85	163	25063	3.861 ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3282	2.868 ng/ul	93
48) Acenaphthylene	14.11	152	29283	3.965 ng/ul	99
49) 3-Nitroaniline	14.30	138	2450	2.098 ng/ul#	96
50) Acenaphthene	14.45	153	21389	4.020 ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1419	1.993 ng/ul	97
53) 4-Nitrophenol	14.59	109	3290	3.520 ng/ul	94
54) Dibenzofuran	14.79	168	31192	4.053 ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	5620	3.131 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4947	3.169 ng/ul#	93
57) Diethylphthalate	15.21	149	22237	3.472 ng/ul	99
59) Fluorene	15.43	166	25569	4.100 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	13644	4.134 ng/ul	98
61) 4-Nitroaniline	15.46	138	3244	2.134 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	3807	3.253 ng/ul#	82
65) N-Nitrosodiphenylamine	15.65	169	20862	3.816 ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	8214	3.851 ng/ul	98
67) Hexachlorobenzene	16.43	284	9891	3.959 ng/ul	98
68) Atrazine	16.59	200	6157	2.924 ng/ul	97
69) Pentachlorophenol	16.77	266	3484	2.392 ng/ul	95
70) Phenanthrene	17.17	178	43147	4.074 ng/ul	99
72) Anthracene	17.27	178	43186	4.050 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10887	4.158 ng/uL	99
74) Pentachlorobenzene	14.70	250	11593	4.142 ng/uL	98
75) Carbazole	17.54	167	34688	3.641 ng/ul	99
76) Di-n-butylphthalate	18.10	149	28897	2.763 ng/ul	100
77) Fluoranthene	19.20	202	49248	3.777 ng/ul	98
80) Pyrene	19.56	202	56379	3.981 ng/ul	100
81) Butylbenzylphthalate	20.47	149	11517	2.367 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	11189	2.083 ng/ul	98
83) Benzo(a)anthracene	21.32	228	61471	3.895 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	16879	2.314 ng/ul	98
85) Chrysene	21.37	228	60659	4.049 ng/ul	99
87) Di-n-octyl phthalate	22.13	149	31432	2.222 ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	66608	3.807 ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	66454	3.907 ng/ul	99
91) Benzo(a)pyrene	23.50	252	69502	4.071 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	84461	3.897 ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	71520	3.966 ng/ul	99
94) Benzo(g,h,i)perylene	26.60	276	72544	3.993 ng/ul	98

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

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