Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000177.D
Acq On : 23 Feb 2018 17:33
Operator : JU/SJ
Sample : MDL-W-06
Misc : 1PPM/4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-06

Quant Time: Feb 23 18:05:39 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN022018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 10:38:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	104319	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	508250	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	300623	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	674397	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	792090	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	907929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	13186	5.24	ng/uL	0.00
5) Phenol-d5	7.57	99	287197	27.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.75	67	183232	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	208946	28.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	234467	27.52	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	95560	28.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	83982	26.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	193565	27.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	342439	43.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	682497	29.85	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	869827	29.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	103899	22.88	ng/ul	0.00
58) Fluorene-d10	16.04	176	623537	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	53578	17.70	ng/ul	0.00
71) Anthracene-d10	17.88	188	966259	30.53	ng/ul	0.00
79) Pyrene-d10	20.13	212	1087078	28.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1267842	30.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3304	1.193	ng/uL	96
4) Benzaldehyde	7.57	77	18498	5.328	ng/ul	95
6) Phenol	7.60	94	40182	3.599	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.85	93	34919	4.134	ng/ul	96
10) 2-Chlorophenol	8.00	128	29658	3.877	ng/ul	97
11) 2-Methylphenol	8.88	108	24987	3.081	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.98	45	37408	4.088	ng/ul#	95
14) Acetophenone	9.28	105	48233	3.604	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.26	70	19974	3.306	ng/ul	92
16) 4-Methylphenol	9.21	108	31706	3.490	ng/ul	89
17) Hexachloroethane	9.56	117	10642	3.639	ng/ul#	64
20) Nitrobenzene	9.67	77	37226	4.027	ng/ul	98
21) Isophorone	10.19	82	54171	3.099	ng/ul	97
23) 2-Nitrophenol	10.39	139	13203	3.548	ng/ul	97
24) 2,4-Dimethylphenol	10.43	107	34034	3.519	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.68	93	45012	3.772	ng/ul	95
27) 2,4-Dichlorophenol	10.92	162	27021	3.795	ng/ul#	89
28) Naphthalene	11.34	128	111840	4.161	ng/ul	99
30) 4-Chloroaniline	11.44	127	28757	3.500	ng/ul	96
31) Hexachlorobutadiene	11.62	225	15175	4.023	ng/ul	95
32) Caprolactam	12.16	113	8017	2.970	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.52	107	25839	2.956	ng/ul	96
34) 2-Methylnaphthalene	12.92	142	73446	3.921	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	72613	3.863	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	33369	4.049	ng/ul#	90
38) Hexachlorocyclopentadiene	13.25	237	10629	2.665	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.50	196	13981	2.691	ng/ul	96
40) 2,4,5-Trichlorophenol	13.57	196	15208	2.723	ng/ul	94
41) 1,1'-Biphenyl	13.90	154	97611	3.963	ng/ul#	95
42) 2-Chloronaphthalene	13.95	162	74321	3.930	ng/ul	95
43) 2-Nitroaniline	14.14	65	11847	2.446	ng/ul	92
45) Dimethylphthalate	14.50	163	90751	3.908	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	9244	2.382	ng/ul#	68
48) Acenaphthylene	14.79	152	119612	4.012	ng/ul	98
49) 3-Nitroaniline	14.95	138	10661	2.296	ng/ul#	91
50) Acenaphthene	15.13	153	84487	4.018	ng/ul	100
51) 2,4-Dinitrophenol	15.15	184	3071	1.706	ng/ul#	26
53) 4-Nitrophenol	15.23	109	13089	3.418	ng/ul#	78
54) Dibenzofuran	15.46	168	123553	4.233	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	17218	2.869	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.67	232	13043	2.895	ng/ul#	94
57) Diethylphthalate	15.84	149	80394	3.436	ng/ul#	93
59) Fluorene	16.10	166	97551	4.163	ng/ul	95
60) 4-Chlorophenyl-phenylether	16.08	204	44225	4.179	ng/ul#	84
61) 4-Nitroaniline	16.10	138	15722	2.830	ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	16.15	198	8688	2.651	ng/ul#	47
65) N-Nitrosodiphenylamine	16.29	169	74114	3.534	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	21546	3.511	ng/ul#	85
67) Hexachlorobenzene	17.09	284	26756	3.913	ng/ul#	79
68) Atrazine	17.21	200	15249	2.405	ng/ul	93
69) Pentachlorophenol	17.42	266	7350	1.981	ng/ul	93
70) Phenanthrene	17.82	178	160389	4.065	ng/ul	98
72) Anthracene	17.92	178	163530	4.070	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	33212	3.727	ng/uL	99
74) Pentachlorobenzene	15.37	250	32583	3.820	ng/uL	96
75) Carbazole	18.17	167	129919	3.609	ng/ul	97
76) Di-n-butylphthalate	18.70	149	101008	2.586	ng/ul	99
77) Fluoranthene	19.80	202	155800	3.772	ng/ul#	82
80) Pyrene	20.16	202	195584	3.923	ng/ul#	77
81) Butylbenzylphthalate	21.01	149	37888	1.964	ng/ul#	79
82) 3,3'-Dichlorobenzidine	21.80	252	32649	2.289	ng/ul#	93
83) Benzo(a)anthracene	21.88	228	178744	3.658	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	56106	1.936	ng/ul#	95
85) Chrysene	21.93	228	191263	4.049	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	97262	1.756	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	197212	3.741	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	189535	3.643	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	203013	3.862	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.92	276	229890	3.741	ng/ul#	79
93) Dibenzo(a,h)anthracene	26.93	278	192813	3.764	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	194255	3.789	ng/ul#	84

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

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