Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000171.D
Acq On : 23 Feb 2018 13:02
Operator : JU/SJ
Sample : MDL-S-07
Misc : 1PPM/4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-07

Quant Time: Feb 23 14:29:46 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	8.46	152	123774	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	608116	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	356413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	786892	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	904333	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1009738	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	13616	4.56	ng/uL	0.00
5) Phenol-d5	7.58	99	316599	25.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	205189	29.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	231062	26.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	262153	25.94	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	107475	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	96001	25.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	214183	25.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	379052	40.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	762515	28.13	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	969475	27.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	114419	21.26	ng/ul	0.00
58) Fluorene-d10	16.04	176	688870	28.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	62722	17.76	ng/ul	0.00
71) Anthracene-d10	17.88	188	1064971	28.84	ng/ul	0.00
79) Pyrene-d10	20.13	212	1174043	27.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1313199	28.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	3803	1.157	ng/uL#	86
4) Benzaldehyde	7.57	77	20358	4.942	ng/ul	93
6) Phenol	7.60	94	44479	3.358	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.85	93	37808	3.772	ng/ul	99
10) 2-Chlorophenol	8.00	128	31937	3.518	ng/ul	97
11) 2-Methylphenol	8.89	108	28185	2.929	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.98	45	40784	3.757	ng/ul#	91
14) Acetophenone	9.28	105	54400	3.426	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.26	70	22651	3.159	ng/ul#	94
16) 4-Methylphenol	9.21	108	36408	3.377	ng/ul	99
17) Hexachloroethane	9.56	117	11914	3.434	ng/ul#	71
20) Nitrobenzene	9.68	77	41259	3.730	ng/ul	95
21) Isophorone	10.19	82	60262	2.882	ng/ul	97
23) 2-Nitrophenol	10.39	139	14863	3.338	ng/ul	95
24) 2,4-Dimethylphenol	10.43	107	37883	3.274	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.67	93	50654	3.548	ng/ul	98
27) 2,4-Dichlorophenol	10.92	162	29501	3.462	ng/ul#	86
28) Naphthalene	11.35	128	124259	3.864	ng/ul	99
30) 4-Chloroaniline	11.44	127	29555	3.006	ng/ul	94
31) Hexachlorobutadiene	11.62	225	16654	3.690	ng/ul	97
32) Caprolactam	12.16	113	10189	3.155	ng/ul	81
33) 4-Chloro-3-methylphenol	12.52	107	28754	2.749	ng/ul	95
34) 2-Methylnaphthalene	12.92	142	81764	3.648	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	80264	3.569	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	35948	3.679	ng/ul#	90
38) Hexachlorocyclopentadiene	13.25	237	11470	2.425	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.50	196	14709	2.388	ng/ul	93
40) 2,4,5-Trichlorophenol	13.57	196	17062	2.577	ng/ul	94
41) 1,1'-Biphenyl	13.90	154	109472	3.749	ng/ul#	95
42) 2-Chloronaphthalene	13.95	162	81194	3.621	ng/ul	96
43) 2-Nitroaniline	14.14	65	13744	2.394	ng/ul	94
45) Dimethylphthalate	14.50	163	99952	3.630	ng/ul#	97
46) 2,6-Dinitrotoluene	14.62	165	10488	2.280	ng/ul#	75
48) Acenaphthylene	14.79	152	130663	3.697	ng/ul	98
49) 3-Nitroaniline	14.95	138	11760	2.136	ng/ul#	90
50) Acenaphthene	15.13	153	93688	3.759	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	3133	1.468	ng/ul#	27
53) 4-Nitrophenol	15.23	109	14682	3.233	ng/ul#	80
54) Dibenzofuran	15.45	168	132173	3.820	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	18896	2.656	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14261	2.670	ng/ul#	98
57) Diethylphthalate	15.84	149	88426	3.188	ng/ul	94
59) Fluorene	16.10	166	106533	3.835	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.08	204	49318	3.931	ng/ul#	85
61) 4-Nitroaniline	16.10	138	17339	2.633	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	16.15	198	9975	2.608	ng/ul#	47
65) N-Nitrosodiphenylamine	16.29	169	81881	3.346	ng/ul	96
66) 4-Bromophenyl-phenylether	16.97	248	23231	3.244	ng/ul#	82
67) Hexachlorobenzene	17.09	284	28448	3.566	ng/ul#	77
68) Atrazine	17.21	200	17196	2.324	ng/ul	92
69) Pentachlorophenol	17.42	266	7676	1.773	ng/ul	92
70) Phenanthrene	17.82	178	172332	3.743	ng/ul	98
72) Anthracene	17.91	178	177482	3.786	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	36663	3.526	ng/uL	99
74) Pentachlorobenzene	15.37	250	35656	3.583	ng/uL	95
75) Carbazole	18.17	167	141616	3.371	ng/ul	98
76) Di-n-butylphthalate	18.70	149	112242	2.463	ng/ul#	97
77) Fluoranthene	19.80	202	168035	3.486	ng/ul#	84
80) Pyrene	20.16	202	209149	3.674	ng/ul#	80
81) Butylbenzylphthalate	21.00	149	42030	1.908	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.80	252	34279	2.105	ng/ul#	96
83) Benzo(a)anthracene	21.87	228	193557	3.470	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	60118	1.817	ng/ul#	94
85) Chrysene	21.93	228	203935	3.781	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	106103	1.722	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	197808	3.374	ng/ul#	95
89) Benzo(k)fluoranthene	23.66	252	208050	3.596	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	217890	3.727	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.92	276	233078	3.410	ng/ul#	79
93) Dibenzo(a,h)anthracene	26.92	278	195583	3.433	ng/ul#	88
94) Benzo(g,h,i)perylene	27.69	276	197583	3.465	ng/ul#	84

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

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