Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
Data File : BN000158.D
Acq On : 22 Feb 2018 12:57
Operator : JU/SJ
Sample : MDL-S-04
Misc : 1 PPM/4 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-04

Quant Time: Feb 22 14:07:01 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 22 11:03:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	128996	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	640452	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	373697	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	817598	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	911341	20.00	ng/ul	0.00
86) Perylene-d12	24.38	264	1004777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	14241	4.58	ng/uL	0.00
5) Phenol-d5	7.57	99	344407	26.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.75	67	221888	30.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	251580	28.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	283886	26.95	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	118203	28.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	106712	26.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.89	165	233842	26.31	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.42	131	410575	41.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	816561	28.73	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1044919	28.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	123404	21.86	ng/ul	0.00
58) Fluorene-d10	16.04	176	740926	29.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71299	19.43	ng/ul	0.00
71) Anthracene-d10	17.88	188	1126545	29.36	ng/ul	0.00
79) Pyrene-d10	20.13	212	1229892	28.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1357541	29.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3653	1.066	ng/uL	91
4) Benzaldehyde	7.56	77	23568	5.490	ng/ul	91
6) Phenol	7.60	94	48786	3.534	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.85	93	40904	3.916	ng/ul	98
10) 2-Chlorophenol	8.00	128	34955	3.695	ng/ul	94
11) 2-Methylphenol	8.88	108	30017	2.994	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.98	45	44466	3.930	ng/ul#	93
14) Acetophenone	9.28	105	58574	3.540	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.25	70	24073	3.222	ng/ul#	90
16) 4-Methylphenol	9.20	108	38356	3.414	ng/ul	93
17) Hexachloroethane	9.56	117	12914	3.572	ng/ul#	64
20) Nitrobenzene	9.67	77	44642	3.832	ng/ul	99
21) Isophorone	10.19	82	64883	2.946	ng/ul	99
23) 2-Nitrophenol	10.39	139	15653	3.338	ng/ul	92
24) 2,4-Dimethylphenol	10.43	107	41335	3.392	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.67	93	54333	3.613	ng/ul	98
27) 2,4-Dichlorophenol	10.92	162	32681	3.642	ng/ul#	91
28) Naphthalene	11.34	128	131750	3.890	ng/ul	98
30) 4-Chloroaniline	11.43	127	34572	3.339	ng/ul	97
31) Hexachlorobutadiene	11.62	225	17509	3.684	ng/ul	93
32) Caprolactam	12.16	113	9247	2.718	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.52	107	30448	2.764	ng/ul	99
34) 2-Methylnaphthalene	12.92	142	87514	3.708	ng/ul	98

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35) 1-Methylnaphthalene	13.13	142	87011	3.674	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	39500	3.856	ng/ul#	93
38) Hexachlorocyclopentadiene	13.26	237	12822	2.586	ng/ul	94
39) 2,4,6-Trichlorophenol	13.50	196	16738	2.592	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	18577	2.676	ng/ul	95
41) 1,1'-Biphenyl	13.90	154	117033	3.823	ng/ul#	96
42) 2-Chloronaphthalene	13.95	162	89083	3.789	ng/ul	96
43) 2-Nitroaniline	14.14	65	14714	2.444	ng/ul	98
45) Dimethylphthalate	14.50	163	107362	3.719	ng/ul	98
46) 2,6-Dinitrotoluene	14.62	165	11742	2.434	ng/ul#	76
48) Acenaphthylene	14.79	152	143318	3.867	ng/ul	98
49) 3-Nitroaniline	14.95	138	12456	2.158	ng/ul#	74
50) Acenaphthene	15.13	153	99861	3.821	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	3882	1.735	ng/ul#	21
53) 4-Nitrophenol	15.23	109	15375	3.229	ng/ul#	75
54) Dibenzofuran	15.45	168	143609	3.958	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	20181	2.705	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14897	2.660	ng/ul	93
57) Diethylphthalate	15.84	149	95884	3.297	ng/ul	95
59) Fluorene	16.10	166	115305	3.959	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	51718	3.931	ng/ul#	83
61) 4-Nitroaniline	16.10	138	18715	2.710	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.15	198	11086	2.790	ng/ul#	42
65) N-Nitrosodiphenylamine	16.29	169	89227	3.509	ng/ul	96
66) 4-Bromophenyl-phenylether	16.97	248	24787	3.332	ng/ul#	79
67) Hexachlorobenzene	17.09	284	30027	3.622	ng/ul#	82
68) Atrazine	17.22	200	18930	2.463	ng/ul	96
69) Pentachlorophenol	17.43	266	8748	1.945	ng/ul#	86
70) Phenanthrene	17.83	178	184697	3.861	ng/ul	99
72) Anthracene	17.92	178	187353	3.846	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	39844	3.688	ng/uL	97
74) Pentachlorobenzene	15.37	250	38638	3.737	ng/uL	96
75) Carbazole	18.17	167	150274	3.443	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	120386	2.542	ng/ul#	99
77) Fluoranthene	19.80	202	174034	3.475	ng/ul#	82
80) Pyrene	20.16	202	218962	3.817	ng/ul#	75
81) Butylbenzylphthalate	21.02	149	43439	1.957	ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.80	252	34668	2.113	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	201114	3.577	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	63302	1.898	ng/ul#	95
85) Chrysene	21.94	228	213045	3.920	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	107272	1.750	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	208447	3.573	ng/ul#	95
89) Benzo(k)fluoranthene	23.67	252	208466	3.621	ng/ul#	92
91) Benzo(a)pyrene	24.27	252	220871	3.796	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.92	276	237047	3.485	ng/ul#	81
93) Dibenzo(a,h)anthracene	26.94	278	200181	3.531	ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	204037	3.596	ng/ul#	85

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

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