Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000173.D
Acq On : 23 Feb 2018 14:45
Operator : JU/SJ
Sample : MDL-S-ME-06
Misc : 1PPM/4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-06

Quant Time: Feb 23 15:28:37 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	104760	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	519136	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	300889	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	667855	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	789369	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	909497	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	11923	4.72	ng/uL	0.00
5) Phenol-d5	7.58	99	285638	26.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	183942	30.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	206858	28.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	231455	27.06	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	93710	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	82282	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	187398	26.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	336790	41.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	662747	28.96	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	850500	28.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	100313	22.07	ng/ul	0.00
58) Fluorene-d10	16.04	176	610371	30.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	52430	17.49	ng/ul	0.00
71) Anthracene-d10	17.88	188	944800	30.15	ng/ul	0.00
79) Pyrene-d10	20.13	212	1055758	28.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1239345	30.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	3028	1.088	ng/uL	96
4) Benzaldehyde	7.57	77	31908	9.152	ng/ul	94
6) Phenol	7.60	94	39101	3.487	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.85	93	33770	3.981	ng/ul	93
10) 2-Chlorophenol	8.00	128	28137	3.662	ng/ul	93
11) 2-Methylphenol	8.88	108	24159	2.967	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.98	45	35332	3.845	ng/ul#	90
14) Acetophenone	9.28	105	46208	3.439	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.26	70	19132	3.153	ng/ul	94
16) 4-Methylphenol	9.21	108	30742	3.369	ng/ul	93
17) Hexachloroethane	9.56	117	10407	3.544	ng/ul#	63
20) Nitrobenzene	9.68	77	34845	3.690	ng/ul	98
21) Isophorone	10.19	82	50834	2.847	ng/ul	95
23) 2-Nitrophenol	10.39	139	12571	3.308	ng/ul	99
24) 2,4-Dimethylphenol	10.43	107	31179	3.157	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.68	93	43074	3.534	ng/ul	98
27) 2,4-Dichlorophenol	10.92	162	25881	3.558	ng/ul#	92
28) Naphthalene	11.35	128	107244	3.907	ng/ul	99
30) 4-Chloroaniline	11.44	127	27178	3.238	ng/ul#	88
31) Hexachlorobutadiene	11.62	225	14657	3.804	ng/ul	97
32) Caprolactam	12.16	113	7555	2.740	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.52	107	23797	2.665	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	70497	3.685	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	69684	3.629	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	31641	3.836	ng/ul#	92
38) Hexachlorocyclopentadiene	13.26	237	9911	2.482	ng/ul	96
39) 2,4,6-Trichlorophenol	13.50	196	13011	2.502	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	14816	2.651	ng/ul	97
41) 1,1'-Biphenyl	13.90	154	92751	3.763	ng/ul#	95
42) 2-Chloronaphthalene	13.95	162	69479	3.670	ng/ul#	91
43) 2-Nitroaniline	14.15	65	11059	2.281	ng/ul	93
45) Dimethylphthalate	14.50	163	86596	3.725	ng/ul#	97
46) 2,6-Dinitrotoluene	14.62	165	8331	2.145	ng/ul#	53
48) Acenaphthylene	14.79	152	113432	3.801	ng/ul	99
49) 3-Nitroaniline	14.95	138	9527	2.050	ng/ul#	83
50) Acenaphthene	15.13	153	79216	3.764	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	4786	2.657	ng/ul#	41
53) 4-Nitrophenol	15.23	109	12448	3.247	ng/ul	88
54) Dibenzofuran	15.45	168	114262	3.912	ng/ul	96
55) 2,4-Dinitrotoluene	15.40	165	16123	2.684	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.67	232	12199	2.705	ng/ul#	92
57) Diethylphthalate	15.84	149	75124	3.208	ng/ul#	93
59) Fluorene	16.10	166	91610	3.906	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.08	204	42360	3.999	ng/ul#	87
61) 4-Nitroaniline	16.10	138	14898	2.679	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	16.15	198	7905	2.436	ng/ul#	34
65) N-Nitrosodiphenylamine	16.29	169	70587	3.398	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	20099	3.307	ng/ul#	81
67) Hexachlorobenzene	17.09	284	24583	3.631	ng/ul#	77
68) Atrazine	17.21	200	14160	2.255	ng/ul	94
69) Pentachlorophenol	17.42	266	6651	1.810	ng/ul	97
70) Phenanthrene	17.82	178	152011	3.890	ng/ul	99
72) Anthracene	17.92	178	152150	3.824	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	31561	3.576	ng/uL	98
74) Pentachlorobenzene	15.37	250	30653	3.629	ng/uL	99
75) Carbazole	18.17	167	121064	3.396	ng/ul	98
76) Di-n-butylphthalate	18.70	149	92027	2.379	ng/ul	99
77) Fluoranthene	19.80	202	144409	3.530	ng/ul#	82
80) Pyrene	20.16	202	183397	3.691	ng/ul#	79
81) Butylbenzylphthalate	21.01	149	34660	1.803	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.80	252	30069	2.116	ng/ul#	93
83) Benzo(a)anthracene	21.87	228	171759	3.527	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	51539	1.784	ng/ul#	94
85) Chrysene	21.93	228	182809	3.883	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	90315	1.628	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	180876	3.425	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	186632	3.581	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	199859	3.795	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.91	276	217146	3.527	ng/ul#	78
93) Dibenzo(a,h)anthracene	26.92	278	178703	3.482	ng/ul#	89
94) Benzo(g,h,i)perylene	27.70	276	184245	3.587	ng/ul#	84

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

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