Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000174.D
Acq On : 23 Feb 2018 15:20
Operator : JU/SJ
Sample : MDL-S-ME-07
Misc : 1PPM/4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-07

Quant Time: Feb 23 15:50:35 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	115988	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	569913	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	327069	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	728868	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	845494	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	949151	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	10564	3.78	ng/uL	0.00
5) Phenol-d5	7.58	99	272988	23.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	175527	26.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	196606	24.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	217811	23.00	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	88760	23.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	77576	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	179414	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	319141	36.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	628872	25.28	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	798377	24.97	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	90252	18.27	ng/ul	0.00
58) Fluorene-d10	16.04	176	580585	26.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	48936	14.96	ng/ul	0.00
71) Anthracene-d10	17.88	188	893266	26.11	ng/ul	0.00
79) Pyrene-d10	20.13	212	996444	24.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1138191	26.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3255	1.057	ng/uL#	81
4) Benzaldehyde	7.57	77	29557	7.657	ng/ul	97
6) Phenol	7.60	94	40075	3.228	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.85	93	33890	3.608	ng/ul	95
10) 2-Chlorophenol	8.00	128	27747	3.262	ng/ul	96
11) 2-Methylphenol	8.88	108	24370	2.703	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.98	45	36211	3.559	ng/ul	98
14) Acetophenone	9.28	105	46758	3.143	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.26	70	19267	2.868	ng/ul#	91
16) 4-Methylphenol	9.21	108	30677	3.037	ng/ul	100
17) Hexachloroethane	9.56	117	10575	3.253	ng/ul#	59
20) Nitrobenzene	9.68	77	35248	3.400	ng/ul	96
21) Isophorone	10.19	82	51530	2.629	ng/ul	96
23) 2-Nitrophenol	10.39	139	12243	2.934	ng/ul	93
24) 2,4-Dimethylphenol	10.43	107	31928	2.944	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.68	93	43423	3.245	ng/ul	98
27) 2,4-Dichlorophenol	10.92	162	25503	3.194	ng/ul#	85
28) Naphthalene	11.35	128	107642	3.572	ng/ul	97
30) 4-Chloroaniline	11.43	127	27854	3.023	ng/ul	99
31) Hexachlorobutadiene	11.62	225	15101	3.570	ng/ul	97
32) Caprolactam	12.16	113	7324	2.420	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.52	107	23523	2.400	ng/ul	100
34) 2-Methylnaphthalene	12.92	142	70595	3.361	ng/ul	97

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35) 1-Methylnaphthalene	13.13	142	70153	3.328	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	30638	3.417	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	10206	2.352	ng/ul	97
39) 2,4,6-Trichlorophenol	13.50	196	13320	2.356	ng/ul	91
40) 2,4,5-Trichlorophenol	13.57	196	14644	2.410	ng/ul	91
41) 1,1'-Biphenyl	13.90	154	95218	3.554	ng/ul#	93
42) 2-Chloronaphthalene	13.95	162	71414	3.471	ng/ul	93
43) 2-Nitroaniline	14.15	65	11304	2.145	ng/ul	92
45) Dimethylphthalate	14.50	163	85588	3.387	ng/ul#	96
46) 2,6-Dinitrotoluene	14.62	165	8914	2.112	ng/ul#	74
48) Acenaphthylene	14.79	152	113061	3.486	ng/ul	99
49) 3-Nitroaniline	14.95	138	9550	1.890	ng/ul#	67
50) Acenaphthene	15.13	153	80897	3.537	ng/ul	96
51) 2,4-Dinitrophenol	15.15	184	4395	2.244	ng/ul#	53
53) 4-Nitrophenol	15.23	109	11261	2.703	ng/ul#	79
54) Dibenzofuran	15.46	168	114629	3.610	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	15683	2.402	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	15.67	232	11313	2.308	ng/ul#	95
57) Diethylphthalate	15.84	149	74601	2.931	ng/ul	95
59) Fluorene	16.10	166	93045	3.650	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	42684	3.707	ng/ul#	86
61) 4-Nitroaniline	16.10	138	14169	2.344	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.15	198	7694	2.172	ng/ul#	35
65) N-Nitrosodiphenylamine	16.29	169	70183	3.096	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	20749	3.129	ng/ul#	86
67) Hexachlorobenzene	17.09	284	23969	3.244	ng/ul#	78
68) Atrazine	17.21	200	14113	2.059	ng/ul	97
69) Pentachlorophenol	17.42	266	6472	1.614	ng/ul	93
70) Phenanthrene	17.82	178	149814	3.513	ng/ul	99
72) Anthracene	17.92	178	152853	3.520	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	32553	3.380	ng/uL	96
74) Pentachlorobenzene	15.37	250	30809	3.342	ng/uL	97
75) Carbazole	18.17	167	120568	3.099	ng/ul	98
76) Di-n-butylphthalate	18.70	149	92609	2.194	ng/ul	98
77) Fluoranthene	19.80	202	145097	3.250	ng/ul#	80
80) Pyrene	20.16	202	181815	3.416	ng/ul#	74
81) Butylbenzylphthalate	21.01	149	35056	1.703	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.80	252	28347	1.862	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	168108	3.223	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	50125	1.620	ng/ul#	96
85) Chrysene	21.93	228	179919	3.568	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	85618	1.478	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	181739	3.297	ng/ul#	94
89) Benzo(k)fluoranthene	23.67	252	172922	3.180	ng/ul#	94
91) Benzo(a)pyrene	24.27	252	190305	3.463	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	207314	3.227	ng/ul#	81
93) Dibenzo(a,h)anthracene	26.93	278	170644	3.186	ng/ul#	91
94) Benzo(g,h,i)perylene	27.71	276	173777	3.242	ng/ul#	85

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

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