Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN022118\
Data File : BN000144.D
Acq On : 21 Feb 2018 12:13
Operator : JU/SJ
Sample : MDL-S-02
Misc : 1 PPM/4 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-02

Quant Time: Feb 21 13:03:45 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 16:56:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	123505	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	620501	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	370311	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	832561	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	1000141	20.00	ng/ul	0.00
86) Perylene-d12	24.38	264	1145398	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	13800	4.64	ng/uL	0.00
5) Phenol-d5	7.58	99	341264	27.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	212224	30.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	245983	28.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	279293	27.69	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	114359	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	104471	27.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	228034	26.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	409877	42.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	819914	29.11	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1034456	28.58	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	135041	24.15	ng/ul	0.00
58) Fluorene-d10	16.05	176	737948	29.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71915	19.25	ng/ul	0.00
71) Anthracene-d10	17.88	188	1148563	29.40	ng/ul	0.00
79) Pyrene-d10	20.13	212	1301494	27.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1528456	29.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	4074	1.242	ng/uL	93
4) Benzaldehyde	7.58	77	29618	7.206	ng/ul	95
6) Phenol	7.60	94	45950	3.476	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.86	93	39106	3.910	ng/ul	95
10) 2-Chlorophenol	8.01	128	33104	3.655	ng/ul	93
11) 2-Methylphenol	8.89	108	29818	3.106	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.98	45	41931	3.871	ng/ul	94
14) Acetophenone	9.29	105	56132	3.543	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.26	70	22916	3.203	ng/ul#	89
16) 4-Methylphenol	9.22	108	36782	3.419	ng/ul	94
17) Hexachloroethane	9.56	117	11880	3.432	ng/ul#	72
20) Nitrobenzene	9.68	77	42065	3.727	ng/ul	96
21) Isophorone	10.20	82	63071	2.956	ng/ul	99
23) 2-Nitrophenol	10.39	139	15350	3.379	ng/ul	94
24) 2,4-Dimethylphenol	10.43	107	39544	3.350	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.68	93	50965	3.498	ng/ul	98
27) 2,4-Dichlorophenol	10.93	162	31862	3.665	ng/ul#	89
28) Naphthalene	11.35	128	125419	3.822	ng/ul	100
30) 4-Chloroaniline	11.44	127	40540	4.041	ng/ul	98
31) Hexachlorobutadiene	11.62	225	17290	3.754	ng/ul	99
32) Caprolactam	12.17	113	9105	2.763	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.53	107	30732	2.880	ng/ul	96
34) 2-Methylnaphthalene	12.92	142	83794	3.664	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	81294	3.543	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	37285	3.673	ng/ul#	95
38) Hexachlorocyclopentadiene	13.26	237	12758	2.597	ng/ul	100
39) 2,4,6-Trichlorophenol	13.51	196	17009	2.658	ng/ul	94
40) 2,4,5-Trichlorophenol	13.57	196	18903	2.748	ng/ul	95
41) 1,1'-Biphenyl	13.91	154	109946	3.624	ng/ul#	95
42) 2-Chloronaphthalene	13.96	162	83459	3.582	ng/ul	92
43) 2-Nitroaniline	14.15	65	14292	2.396	ng/ul	91
45) Dimethylphthalate	14.50	163	105690	3.694	ng/ul	98
46) 2,6-Dinitrotoluene	14.63	165	10895	2.280	ng/ul#	76
48) Acenaphthylene	14.79	152	138546	3.773	ng/ul	100
49) 3-Nitroaniline	14.96	138	14036	2.454	ng/ul#	87
50) Acenaphthene	15.13	153	96764	3.736	ng/ul	99
51) 2,4-Dinitrophenol	15.16	184	3672	1.656	ng/ul#	60
53) 4-Nitrophenol	15.23	109	16509	3.499	ng/ul#	84
54) Dibenzofuran	15.46	168	139876	3.891	ng/ul	97
55) 2,4-Dinitrotoluene	15.40	165	20784	2.811	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.67	232	15388	2.773	ng/ul#	93
57) Diethylphthalate	15.85	149	95090	3.299	ng/ul	94
59) Fluorene	16.10	166	111092	3.849	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.09	204	50425	3.868	ng/ul#	86
61) 4-Nitroaniline	16.10	138	20146	2.944	ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	16.16	198	11076	2.737	ng/ul#	64
65) N-Nitrosodiphenylamine	16.29	169	86753	3.350	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	24786	3.272	ng/ul#	85
67) Hexachlorobenzene	17.09	284	30285	3.588	ng/ul#	79
68) Atrazine	17.22	200	19420	2.481	ng/ul	95
69) Pentachlorophenol	17.43	266	9331	2.037	ng/ul	97
70) Phenanthrene	17.83	178	183099	3.759	ng/ul	100
72) Anthracene	17.92	178	189699	3.824	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	37418	3.401	ng/uL	98
74) Pentachlorobenzene	15.37	250	35634	3.384	ng/uL	96
75) Carbazole	18.17	167	155320	3.495	ng/ul#	95
76) Di-n-butylphthalate	18.70	149	124131	2.574	ng/ul	99
77) Fluoranthene	19.80	202	182498	3.579	ng/ul#	83
80) Pyrene	20.16	202	224658	3.569	ng/ul#	79
81) Butylbenzylphthalate	21.02	149	50170	2.060	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.80	252	47278	2.625	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	217539	3.526	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	73451	2.007	ng/ul#	94
85) Chrysene	21.94	228	225447	3.780	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	128670	1.841	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	229615	3.452	ng/ul#	93
89) Benzo(k)fluoranthene	23.67	252	226215	3.447	ng/ul#	93
91) Benzo(a)pyrene	24.27	252	244524	3.687	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.93	276	262481	3.385	ng/ul#	80
93) Dibenzo(a,h)anthracene	26.93	278	221240	3.423	ng/ul#	89
94) Benzo(g,h,i)perylene	27.72	276	221161	3.419	ng/ul#	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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