Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_N\Data\BN022118\
Data File : BN000139.D
Acq On : 21 Feb 2018 09:17
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02079

Quant Time: Feb 21 10:26:02 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	170992	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	858613	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	515187	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	1100938	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	1184919	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1266629	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	33152	8.04	ng/uL	0.00
5) Phenol-d5	7.58	99	344260	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	200906	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	243790	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	285390	20.44	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	117457	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	108252	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	248808	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	356114	26.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	816868	20.85	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1050356	20.86	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	148926	19.14	ng/ul	0.00
58) Fluorene-d10	16.05	176	710464	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.15	200	87034	17.61	ng/ul	0.00
71) Anthracene-d10	17.88	188	1071618	20.74	ng/ul	0.00
79) Pyrene-d10	20.13	212	1140553	20.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1169959	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	35763	7.875	ng/uL#	91
4) Benzaldehyde	7.57	77	133560	23.469	ng/ul	92
6) Phenol	7.60	94	372624	20.361	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.86	93	282139	20.377	ng/ul	93
10) 2-Chlorophenol	8.00	128	257400	20.527	ng/ul	96
11) 2-Methylphenol	8.89	108	267664	20.138	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.98	45	311134	20.745	ng/ul#	94
14) Acetophenone	9.29	105	464713	21.187	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.26	70	212816	21.487	ng/ul	94
16) 4-Methylphenol	9.22	108	309102	20.755	ng/ul	92
17) Hexachloroethane	9.56	117	97005	20.239	ng/ul#	69
20) Nitrobenzene	9.68	77	320906	20.548	ng/ul	95
21) Isophorone	10.20	82	628322	21.280	ng/ul	98
23) 2-Nitrophenol	10.39	139	130150	20.704	ng/ul	94
24) 2,4-Dimethylphenol	10.43	107	337405	20.654	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.68	93	416999	20.685	ng/ul	98
27) 2,4-Dichlorophenol	10.93	162	250487	20.822	ng/ul#	94
28) Naphthalene	11.35	128	926301	20.401	ng/ul	99
30) 4-Chloroaniline	11.44	127	370470	26.690	ng/ul	97
31) Hexachlorobutadiene	11.62	225	128790	20.211	ng/ul	97
32) Caprolactam	12.18	113	92503	20.285	ng/ul	83
33) 4-Chloro-3-methylphenol	12.53	107	313952	21.259	ng/ul	99
34) 2-Methylnaphthalene	12.92	142	655581	20.718	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	661979	20.847 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	282208	19.981 ng/ul#	95
38) Hexachlorocyclopentadiene	13.26	237	124303	18.184 ng/ul	98
39) 2,4,6-Trichlorophenol	13.51	196	181465	20.380 ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	196999	20.584 ng/ul	98
41) 1,1'-Biphenyl	13.90	154	852641	20.202 ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	652171	20.121 ng/ul	96
43) 2-Nitroaniline	14.15	65	176627	21.280 ng/ul	96
45) Dimethylphthalate	14.50	163	821469	20.640 ng/ul#	98
46) 2,6-Dinitrotoluene	14.63	165	143569	21.591 ng/ul	88
48) Acenaphthylene	14.79	152	1064084	20.827 ng/ul	99
49) 3-Nitroaniline	14.96	138	164726	20.700 ng/ul#	96
50) Acenaphthene	15.13	153	733580	20.359 ng/ul	100
51) 2,4-Dinitrophenol	15.15	184	47759	15.484 ng/ul#	18
53) 4-Nitrophenol	15.23	109	130267	19.848 ng/ul	86
54) Dibenzofuran	15.46	168	1021559	20.425 ng/ul	100
55) 2,4-Dinitrotoluene	15.40	165	227389	22.108 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.67	232	162883	21.097 ng/ul#	97
57) Diethylphthalate	15.85	149	843324	21.032 ng/ul	95
59) Fluorene	16.10	166	830371	20.680 ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	372189	20.522 ng/ul#	84
61) 4-Nitroaniline	16.10	138	168773	17.727 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	97551	18.232 ng/ul#	86
65) N-Nitrosodiphenylamine	16.29	169	705468	20.604 ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	201702	20.134 ng/ul#	85
67) Hexachlorobenzene	17.09	284	225982	20.246 ng/ul#	83
68) Atrazine	17.22	200	214718	20.743 ng/ul	96
69) Pentachlorophenol	17.43	266	113555	18.750 ng/ul	96
70) Phenanthrene	17.83	178	1323832	20.552 ng/ul	100
72) Anthracene	17.92	178	1357675	20.699 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	288431	19.827 ng/uL	98
74) Pentachlorobenzene	15.37	250	281801	20.238 ng/uL	98
75) Carbazole	18.17	167	1239348	21.087 ng/ul	98
76) Di-n-butylphthalate	18.70	149	1385007	21.721 ng/ul	99
77) Fluoranthene	19.80	202	1434484	21.272 ng/ul#	84
80) Pyrene	20.16	202	1522605	20.415 ng/ul#	75
81) Butylbenzylphthalate	21.01	149	620962	21.519 ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.80	252	430388	20.173 ng/ul#	96
83) Benzo(a)anthracene	21.88	228	1492356	20.416 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	942629	21.741 ng/ul#	96
85) Chrysene	21.93	228	1424807	20.163 ng/ul	100
87) Di-n-octyl phthalate	22.72	149	1611522	20.852 ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	1548476	21.053 ng/ul#	94
89) Benzo(k)fluoranthene	23.67	252	1472870	20.295 ng/ul#	95
91) Benzo(a)pyrene	24.27	252	1513849	20.641 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.93	276	1700550	19.834 ng/ul#	78
93) Dibenzo(a,h)anthracene	26.93	278	1429110	19.996 ng/ul#	89
94) Benzo(g,h,i)perylene	27.71	276	1418041	19.826 ng/ul#	85

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

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