Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000166.D
Acq On : 23 Feb 2018 09:41
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02083

Quant Time: Feb 23 10:42:12 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	8.45	152	208591	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	1021152	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	591233	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	1239014	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	1338043	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1493970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	38479	7.65	ng/uL	0.00
5) Phenol-d5	7.58	99	416855	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	245271	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	296101	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	343699	20.18	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	145839	21.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	133467	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	291870	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	424952	26.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	923189	20.53	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1203990	20.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	174514	19.54	ng/ul	0.00
58) Fluorene-d10	16.05	176	795921	20.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.15	200	102921	18.51	ng/ul	0.00
71) Anthracene-d10	17.88	188	1203278	20.69	ng/ul	0.00
79) Pyrene-d10	20.13	212	1290637	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1403710	20.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	44499	8.033	ng/uL#	88
4) Benzaldehyde	7.57	77	166229	23.945	ng/ul	92
6) Phenol	7.60	94	447871	20.061	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.85	93	342986	20.307	ng/ul	95
10) 2-Chlorophenol	8.00	128	316334	20.679	ng/ul	96
11) 2-Methylphenol	8.89	108	320025	19.737	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.98	45	374918	20.492	ng/ul#	93
14) Acetophenone	9.28	105	557687	20.842	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.26	70	253814	21.007	ng/ul	94
16) 4-Methylphenol	9.22	108	368794	20.300	ng/ul	92
17) Hexachloroethane	9.56	117	118277	20.229	ng/ul#	67
20) Nitrobenzene	9.67	77	396337	21.339	ng/ul	95
21) Isophorone	10.19	82	749803	21.352	ng/ul	98
23) 2-Nitrophenol	10.39	139	163879	21.920	ng/ul	93
24) 2,4-Dimethylphenol	10.43	107	398682	20.520	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.67	93	495539	20.668	ng/ul	97
27) 2,4-Dichlorophenol	10.93	162	296417	20.718	ng/ul#	95
28) Naphthalene	11.35	128	1094795	20.274	ng/ul	99
30) 4-Chloroaniline	11.44	127	440939	26.710	ng/ul	98
31) Hexachlorobutadiene	11.62	225	152778	20.159	ng/ul	97
32) Caprolactam	12.17	113	106346	19.608	ng/ul	87
33) 4-Chloro-3-methylphenol	12.52	107	360606	20.532	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	767725	20.400	ng/ul	99

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35) 1-Methylnaphthalene	13.13	142	770740	20.409	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	325869	20.105	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	149488	19.056	ng/ul	98
39) 2,4,6-Trichlorophenol	13.50	196	206583	20.216	ng/ul	98
40) 2,4,5-Trichlorophenol	13.57	196	223448	20.344	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	981297	20.260	ng/ul#	94
42) 2-Chloronaphthalene	13.95	162	747873	20.106	ng/ul	95
43) 2-Nitroaniline	14.15	65	208692	21.909	ng/ul	98
45) Dimethylphthalate	14.50	163	928103	20.320	ng/ul#	98
46) 2,6-Dinitrotoluene	14.63	165	166530	21.823	ng/ul#	85
48) Acenaphthylene	14.79	152	1211946	20.670	ng/ul	99
49) 3-Nitroaniline	14.95	138	189158	20.713	ng/ul#	88
50) Acenaphthene	15.13	153	837108	20.245	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	60022	16.957	ng/ul#	36
53) 4-Nitrophenol	15.23	109	150954	20.041	ng/ul	87
54) Dibenzofuran	15.46	168	1152140	20.073	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	258488	21.899	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.67	232	181789	20.517	ng/ul#	97
57) Diethylphthalate	15.85	149	953803	20.727	ng/ul	95
59) Fluorene	16.10	166	930002	20.182	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	421475	20.250	ng/ul#	85
61) 4-Nitroaniline	16.10	138	195482	17.892	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	113909	18.917	ng/ul#	83
65) N-Nitrosodiphenylamine	16.29	169	795181	20.636	ng/ul	100
66) 4-Bromophenyl-phenylether	16.97	248	226283	20.071	ng/ul#	84
67) Hexachlorobenzene	17.09	284	250544	19.945	ng/ul#	82
68) Atrazine	17.22	200	243714	20.921	ng/ul	96
69) Pentachlorophenol	17.43	266	127916	18.767	ng/ul	97
70) Phenanthrene	17.83	178	1464088	20.197	ng/ul	100
72) Anthracene	17.92	178	1523664	20.641	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	332944	20.337	ng/uL	99
74) Pentachlorobenzene	15.37	250	316406	20.191	ng/uL	99
75) Carbazole	18.17	167	1383372	20.915	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	1546168	21.546	ng/ul	99
77) Fluoranthene	19.80	202	1612400	21.246	ng/ul#	79
80) Pyrene	20.16	202	1706343	20.260	ng/ul#	76
81) Butylbenzylphthalate	21.01	149	753844	23.135	ng/ul#	83
82) 3,3'-Dichlorobenzidine	21.80	252	498227	20.680	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	1695789	20.545	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	1077411	22.006	ng/ul#	96
85) Chrysene	21.93	228	1623256	20.342	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	1976269	21.681	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	1726728	19.904	ng/ul#	94
89) Benzo(k)fluoranthene	23.67	252	1752228	20.470	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	1767512	20.432	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.93	276	2120346	20.967	ng/ul#	78
93) Dibenzo(a,h)anthracene	26.93	278	1767549	20.968	ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	1773239	21.019	ng/ul#	85

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

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