Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN022318\
Data File : BN000179.D
Acq On : 23 Feb 2018 18:42
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02085

Quant Time: Feb 23 22:38:42 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	128277	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	627357	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	361830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	774393	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	897399	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1004326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	24359	7.88	ng/uL	0.00
5) Phenol-d5	7.58	99	240457	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	147108	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	170214	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	194329	18.55	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	77469	18.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	67852	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	162226	18.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	223650	23.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	530840	19.29	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	690812	19.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	93977	17.20	ng/ul	0.00
58) Fluorene-d10	16.04	176	478220	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	50641	14.57	ng/ul	0.00
71) Anthracene-d10	17.88	188	718763	19.78	ng/ul	0.00
79) Pyrene-d10	20.13	212	788287	18.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	896032	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	28070	8.240	ng/uL#	89
4) Benzaldehyde	7.57	77	95744	22.426	ng/ul	89
6) Phenol	7.60	94	263643	19.203	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.85	93	205260	19.761	ng/ul	94
10) 2-Chlorophenol	8.00	128	182917	19.444	ng/ul	98
11) 2-Methylphenol	8.89	108	183344	18.387	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.98	45	224987	19.997	ng/ul#	94
14) Acetophenone	9.28	105	327920	19.928	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	138629	18.657	ng/ul	95
16) 4-Methylphenol	9.21	108	211762	18.954	ng/ul	97
17) Hexachloroethane	9.56	117	69748	19.398	ng/ul#	65
20) Nitrobenzene	9.68	77	224785	19.699	ng/ul	96
21) Isophorone	10.19	82	403220	18.690	ng/ul	98
23) 2-Nitrophenol	10.39	139	84184	18.329	ng/ul	95
24) 2,4-Dimethylphenol	10.43	107	232517	19.480	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.68	93	286518	19.451	ng/ul	97
27) 2,4-Dichlorophenol	10.92	162	170047	19.346	ng/ul#	94
28) Naphthalene	11.35	128	658706	19.855	ng/ul	99
30) 4-Chloroaniline	11.44	127	237461	23.413	ng/ul	97
31) Hexachlorobutadiene	11.62	225	90535	19.445	ng/ul	98
32) Caprolactam	12.17	113	52786	15.842	ng/ul	85
33) 4-Chloro-3-methylphenol	12.52	107	201849	18.706	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	450414	19.481	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	456159	19.661 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	193489	19.506 ng/ul#	91
38) Hexachlorocyclopentadiene	13.26	237	80063	16.676 ng/ul	97
39) 2,4,6-Trichlorophenol	13.50	196	113896	18.213 ng/ul	98
40) 2,4,5-Trichlorophenol	13.57	196	122165	18.175 ng/ul	98
41) 1,1'-Biphenyl	13.90	154	579109	19.536 ng/ul#	95
42) 2-Chloronaphthalene	13.95	162	444508	19.526 ng/ul	96
43) 2-Nitroaniline	14.15	65	105572	18.110 ng/ul	97
45) Dimethylphthalate	14.50	163	541450	19.371 ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	85126	18.228 ng/ul#	82
48) Acenaphthylene	14.79	152	713006	19.870 ng/ul	99
49) 3-Nitroaniline	14.95	138	102039	18.258 ng/ul#	90
50) Acenaphthene	15.13	153	499512	19.739 ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	28081	12.963 ng/ul#	38
53) 4-Nitrophenol	15.23	109	86157	18.691 ng/ul	89
54) Dibenzofuran	15.46	168	692438	19.713 ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	138243	19.138 ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.67	232	99652	18.377 ng/ul#	98
57) Diethylphthalate	15.85	149	542796	19.274 ng/ul	95
59) Fluorene	16.10	166	561580	19.914 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.08	204	250880	19.696 ng/ul#	85
61) 4-Nitroaniline	16.10	138	117285	17.541 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	58499	15.544 ng/ul#	86
65) N-Nitrosodiphenylamine	16.29	169	470467	19.535 ng/ul	100
66) 4-Bromophenyl-phenylether	16.97	248	132515	18.806 ng/ul#	84
67) Hexachlorobenzene	17.09	284	150598	19.181 ng/ul#	80
68) Atrazine	17.22	200	135056	18.549 ng/ul	94
69) Pentachlorophenol	17.43	266	64460	15.131 ng/ul	95
70) Phenanthrene	17.82	178	901613	19.900 ng/ul	99
72) Anthracene	17.92	178	924045	20.029 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	196505	19.204 ng/uL	97
74) Pentachlorobenzene	15.37	250	188693	19.266 ng/uL	99
75) Carbazole	18.17	167	839291	20.302 ng/ul	98
76) Di-n-butylphthalate	18.70	149	856946	19.106 ng/ul	99
77) Fluoranthene	19.80	202	974650	20.548 ng/ul#	81
80) Pyrene	20.16	202	1063767	18.833 ng/ul#	77
81) Butylbenzylphthalate	21.01	149	379451	17.363 ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.80	252	305236	18.891 ng/ul#	96
83) Benzo(a)anthracene	21.87	228	1082247	19.550 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	559143	17.028 ng/ul#	96
85) Chrysene	21.93	228	1052682	19.669 ng/ul	100
87) Di-n-octyl phthalate	22.72	149	1016436	16.587 ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	1146122	19.652 ng/ul#	95
89) Benzo(k)fluoranthene	23.66	252	1121870	19.496 ng/ul#	95
91) Benzo(a)pyrene	24.26	252	1156600	19.889 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	1405409	20.673 ng/ul#	78
93) Dibenzo(a,h)anthracene	26.93	278	1171834	20.678 ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	1175179	20.721 ng/ul#	86

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

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