Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000450.D
Acq On : 19 Mar 2018 11:57
Operator : JU/SJ
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04014

Quant Time: Mar 19 12:39:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 19 12:03:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	226875	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	893371	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	420823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	774963	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	676038	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	692575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	102722	18.78	ng/uL	0.00
5) Phenol-d5	7.56	99	829039	36.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	480414	37.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	629906	40.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	629114	33.96	ng/ul	0.00
19) Nitrobenzene-d5	9.61	128	293256	50.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.34	143	306380	55.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	532232	42.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	617239	44.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.43	166	1275501	39.85	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1743664	42.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	240805	37.89	ng/ul	0.00
57) Fluorene-d10	16.02	176	1092954	38.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	178208	51.24	ng/ul	0.00
70) Anthracene-d10	17.87	188	1485931	40.86	ng/ul	0.00
76) Pyrene-d10	20.12	212	1432532	44.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1294180	41.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	108398	17.991	ng/uL#	86
4) Benzaldehyde	7.54	77	380265	50.361	ng/ul	90
6) Phenol	7.59	94	845098	34.804	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.83	93	679007	36.961	ng/ul	93
10) 2-Chlorophenol	7.98	128	638044	38.349	ng/ul	98
11) 2-Methylphenol	8.87	108	613608	34.794	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.95	45	721355	36.250	ng/ul	94
14) Acetophenone	9.26	105	950237	32.651	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.24	70	472149	35.928	ng/ul	92
16) 4-Methylphenol	9.20	108	649590	32.874	ng/ul	95
17) Hexachloroethane	9.53	117	271053	42.623	ng/ul#	72
20) Nitrobenzene	9.65	77	717737	44.170	ng/ul	94
21) Isophorone	10.17	82	1304018	42.446	ng/ul	98
23) 2-Nitrophenol	10.37	139	326884	49.977	ng/ul	92
24) 2,4-Dimethylphenol	10.41	107	682179	40.134	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.65	93	837468	39.925	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	516211	41.241	ng/ul#	94
28) Naphthalene	11.32	128	1853793	39.240	ng/ul	99
30) 4-Chloroaniline	11.41	127	625265	43.293	ng/ul	98
31) Hexachlorobutadiene	11.58	225	291857	44.019	ng/ul	98
32) Caprolactam	12.17	113	173956	36.662	ng/ul	84
33) 4-Chloro-3-methylphenol	12.51	107	577259	37.568	ng/ul	99
34) 2-Methylnaphthalene	12.90	142	1199184	36.422	ng/ul	99

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000450.D
Acq On : 19 Mar 2018 11:57
Operator : JU/SJ
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04014

Quant Time: Mar 19 12:39:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 19 12:03:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.26	216	524479	45.462 ng/ul#	96
37) Hexachlorocyclopentadiene	13.23	237	276478	49.515 ng/ul	99
38) 2,4,6-Trichlorophenol	13.49	196	347022	47.712 ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	358261	45.827 ng/ul	97
40) 1,1'-Biphenyl	13.88	154	1438736	41.732 ng/ul#	95
41) 2-Chloronaphthalene	13.94	162	1117729	42.217 ng/ul	96
42) 2-Nitroaniline	14.12	65	335882	49.542 ng/ul	96
44) Dimethylphthalate	14.48	163	1256790	38.659 ng/ul#	99
45) 2,6-Dinitrotoluene	14.61	165	263761	48.562 ng/ul	94
47) Acenaphthylene	14.77	152	1711391	41.007 ng/ul	100
48) 3-Nitroaniline	14.94	138	278002	42.769 ng/ul#	92
49) Acenaphthene	15.11	153	1158070	39.348 ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	118819	47.160 ng/ul#	83
52) 4-Nitrophenol	15.24	109	186579	34.802 ng/ul#	82
53) Dibenzofuran	15.44	168	1549373	37.925 ng/ul	99
54) 2,4-Dinitrotoluene	15.40	165	366421	43.615 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.66	232	269036	42.659 ng/ul#	90
56) Diethylphthalate	15.82	149	1257702	38.399 ng/ul	96
58) Fluorene	16.08	166	1214644	37.033 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	563759	38.055 ng/ul#	86
60) 4-Nitroaniline	16.10	138	292467	37.608 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.16	198	187574	49.804 ng/ul#	88
64) N-Nitrosodiphenylamine	16.27	169	1026058	42.573 ng/ul	99
65) 4-Bromophenyl-phenylether	16.95	248	319798	45.351 ng/ul#	86
66) Hexachlorobenzene	17.08	284	333614	42.460 ng/ul#	82
67) Atrazine	17.20	200	325980	44.739 ng/ul	95
68) Pentachlorophenol	17.42	266	174828	41.009 ng/ul	95
69) Phenanthrene	17.81	178	1773424	39.113 ng/ul	100
71) Anthracene	17.90	178	1820454	39.429 ng/ul	98
72) Carbazole	18.17	167	1621044	39.183 ng/ul	98
73) Di-n-butylphthalate	18.68	149	2039519	45.439 ng/ul	99
74) Fluoranthene	19.79	202	1834871	38.655 ng/ul#	78
77) Pyrene	20.15	202	1851623	43.515 ng/ul#	76
78) Butylbenzylphthalate	21.00	149	913382	55.480 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.80	252	561249	46.109 ng/ul#	97
80) Benzo(a)anthracene	21.88	228	1705113	40.886 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	1315734	53.189 ng/ul#	97
82) Chrysene	21.93	228	1602323	39.743 ng/ul	99
84) Di-n-octyl phthalate	22.71	149	2247969	53.197 ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	1704956	42.393 ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	1561164	39.342 ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1603314	39.981 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.95	276	1860724	39.691 ng/ul#	78
90) Dibenzo(a,h)anthracene	26.96	278	1549857	39.659 ng/ul#	91
91) Benzo(g,h,i)perylene	27.75	276	1571867	40.192 ng/ul#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000450.D
Acq On : 19 Mar 2018 11:57
Operator : JU/SJ
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04014

Quant Time: Mar 19 12:39:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 19 12:03:43 2018
Response via : Initial Calibration