Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000448.D
Acq On : 19 Mar 2018 10:48
Operator : JU/SJ
Sample : SSTD01012
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01012

Quant Time: Mar 19 12:05:54 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	277859	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1194586	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	627082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	1228306	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	982181	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	857718	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	31225	4.66	ng/uL	0.00
5) Phenol-d5	7.56	99	273221	9.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	160536	10.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	202381	10.52	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	216418	9.54	ng/ul	0.00
19) Nitrobenzene-d5	9.61	128	96890	12.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.34	143	100625	13.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	185105	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	203383	10.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.43	166	512791	10.75	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	672710	10.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	90460	9.55	ng/ul	0.00
57) Fluorene-d10	16.02	176	440315	10.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	60484	10.97	ng/ul	0.00
70) Anthracene-d10	17.87	188	608794	10.56	ng/ul	0.00
76) Pyrene-d10	20.12	212	585608	12.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	414951	10.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	33980	4.605	ng/uL#	86
4) Benzaldehyde	7.54	77	109818	11.875	ng/ul	91
6) Phenol	7.58	94	281226	9.457	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.83	93	222344	9.882	ng/ul	95
10) 2-Chlorophenol	7.98	128	206923	10.155	ng/ul	97
11) 2-Methylphenol	8.86	108	205789	9.528	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.95	45	245785	10.085	ng/ul#	93
14) Acetophenone	9.25	105	336771	9.449	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.23	70	169781	10.549	ng/ul	93
16) 4-Methylphenol	9.19	108	223621	9.240	ng/ul	96
17) Hexachloroethane	9.53	117	85388	10.964	ng/ul#	74
20) Nitrobenzene	9.65	77	245129	11.282	ng/ul	93
21) Isophorone	10.17	82	476629	11.602	ng/ul	98
23) 2-Nitrophenol	10.37	139	109188	12.484	ng/ul	93
24) 2,4-Dimethylphenol	10.41	107	242086	10.651	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.64	93	299726	10.686	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	180603	10.791	ng/ul#	94
28) Naphthalene	11.31	128	649858	10.287	ng/ul	99
30) 4-Chloroaniline	11.41	127	204760	10.603	ng/ul	99
31) Hexachlorobutadiene	11.58	225	98372	11.096	ng/ul	98
32) Caprolactam	12.15	113	66772	10.524	ng/ul	88
33) 4-Chloro-3-methylphenol	12.51	107	215125	10.470	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	439537	9.984	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	13.25	216	190046	11.055	ng/ul#	95
37) Hexachlorocyclopentadiene	13.22	237	81436	9.787	ng/ul	99
38) 2,4,6-Trichlorophenol	13.49	196	128930	11.896	ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	135302	11.615	ng/ul	98
40) 1,1'-Biphenyl	13.88	154	549690	10.700	ng/ul#	95
41) 2-Chloronaphthalene	13.93	162	423276	10.729	ng/ul	96
42) 2-Nitroaniline	14.12	65	124198	12.293	ng/ul	96
44) Dimethylphthalate	14.48	163	507082	10.467	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	98579	12.180	ng/ul	89
47) Acenaphthylene	14.77	152	660269	10.617	ng/ul	99
48) 3-Nitroaniline	14.94	138	90804	9.375	ng/ul#	91
49) Acenaphthene	15.11	153	451508	10.295	ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	34272	9.129	ng/ul#	75
52) 4-Nitrophenol	15.23	109	71738	8.980	ng/ul	82
53) Dibenzofuran	15.44	168	615185	10.105	ng/ul	100
54) 2,4-Dinitrotoluene	15.40	165	141631	11.313	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.66	232	102171	10.872	ng/ul#	91
56) Diethylphthalate	15.82	149	519557	10.645	ng/ul	95
58) Fluorene	16.08	166	491182	10.050	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	227169	10.291	ng/ul#	87
60) 4-Nitroaniline	16.09	138	92347	7.969	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.15	198	67194	11.256	ng/ul#	84
64) N-Nitrosodiphenylamine	16.27	169	418846	10.964	ng/ul	98
65) 4-Bromophenyl-phenylether	16.95	248	128554	11.502	ng/ul#	86
66) Hexachlorobenzene	17.08	284	134947	10.836	ng/ul#	83
67) Atrazine	17.20	200	134335	11.632	ng/ul	96
68) Pentachlorophenol	17.42	266	62709	9.280	ng/ul	99
69) Phenanthrene	17.81	178	728526	10.138	ng/ul	100
71) Anthracene	17.90	178	753169	10.292	ng/ul	97
72) Carbazole	18.17	167	677743	10.336	ng/ul	98
73) Di-n-butylphthalate	18.68	149	870265	12.233	ng/ul	99
74) Fluoranthene	19.79	202	769505	10.228	ng/ul#	80
77) Pyrene	20.15	202	780234	12.621	ng/ul#	75
78) Butylbenzylphthalate	21.00	149	371674	15.539	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.79	252	173931	9.835	ng/ul#	98
80) Benzo(a)anthracene	21.87	228	675191	11.144	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	533359	14.841	ng/ul#	96
82) Chrysene	21.93	228	632384	10.796	ng/ul	99
84) Di-n-octyl phthalate	22.70	149	827369	15.810	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	576311	11.571	ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	544938	11.089	ng/ul#	93
88) Benzo(a)pyrene	24.27	252	524634	10.564	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.94	276	550946	9.489	ng/ul#	78
90) Dibenzo(a,h)anthracene	26.95	278	458110	9.466	ng/ul#	90
91) Benzo(g,h,i)perylene	27.74	276	455812	9.411	ng/ul#	86

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

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