Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006015.D
Acq On : 02 Jun 2019 03:49
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02008

Quant Time: Jun 03 01:07:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	358309	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	1649990	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1018013	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2307103	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	2144513	20.00	ng/ul	-0.03
85) Perylene-d12	23.63	264	2437376	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	59524	7.31	ng/uL	0.00
5) Phenol-d5	6.89	99	578820	18.23	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	327264	18.06	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	451094	18.65	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	467602	18.24	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	228722	21.60	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	253045	25.66	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	466988	20.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.65	131	598418	19.60	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	1447313	19.28	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	1827165	19.46	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	276131	20.22	ng/ul	-0.02
57) Fluorene-d10	15.38	176	1222897	19.43	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	240017	25.52	ng/ul	-0.02
70) Anthracene-d10	17.24	188	1902896	19.38	ng/ul	-0.02
78) Pyrene-d10	19.54	212	2102347	19.41	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.48	264	2112916	19.43	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	61429	7.122	ng/uL	95
4) Benzaldehyde	6.87	77	385454	17.580	ng/ul	98
6) Phenol	6.92	94	595428	18.196	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.15	93	461544	18.265	ng/ul	94
10) 2-Chlorophenol	7.29	128	458479	18.642	ng/ul	96
11) 2-Methylphenol	8.17	108	456113	18.091	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	623811	18.537	ng/ul#	94
14) Acetophenone	8.54	105	727951	18.832	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	384527	18.590	ng/ul	87
16) 4-Methylphenol	8.49	108	504684	18.234	ng/ul	98
17) Hexachloroethane	8.79	117	186888	19.055	ng/ul	90
20) Nitrobenzene	8.92	77	532662	19.705	ng/ul	93
21) Isophorone	9.44	82	1114930	18.945	ng/ul	99
23) 2-Nitrophenol	9.63	139	272168	23.576	ng/ul	93
24) 2,4-Dimethylphenol	9.69	107	555752	19.214	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.93	93	670432	18.716	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	455111	19.741	ng/ul	99
28) Naphthalene	10.57	128	1509941	19.282	ng/ul	99
30) 4-Chloroaniline	10.68	127	594327	19.404	ng/ul	100
31) Hexachlorobutadiene	10.85	225	264985	20.683	ng/ul	98
32) Caprolactam	11.43	113	182416	19.825	ng/ul	78
33) 4-Chloro-3-methylphenol	11.81	107	539559	19.410	ng/ul	95
34) 2-Methylnaphthalene	12.18	142	1113595	19.305	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	549077	20.196 ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	305833	19.323 ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	373719	20.890 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	388275	19.852 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	1463631	19.385 ng/ul	98
41) 2-Chloronaphthalene	13.25	162	1119041	19.568 ng/ul	96
42) 2-Nitroaniline	13.46	65	356556	23.571 ng/ul	89
44) Dimethylphthalate	13.84	163	1432575	19.098 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	300384	23.231 ng/ul	93
47) Acenaphthylene	14.10	152	1787689	19.418 ng/ul	99
48) 3-Nitroaniline	14.29	138	307879	21.932 ng/ul#	93
49) Acenaphthene	14.45	153	1204666	19.262 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	143897	25.007 ng/ul	92
52) 4-Nitrophenol	14.61	109	207473	19.380 ng/ul	86
53) Dibenzofuran	14.78	168	1730351	19.600 ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	434592	22.548 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.01	232	343245	21.352 ng/ul	99
56) Diethylphthalate	15.21	149	1477844	18.929 ng/ul	99
58) Fluorene	15.44	166	1367072	19.716 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.43	204	667005	20.187 ng/ul	99
60) 4-Nitroaniline	15.46	138	365286	21.489 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.52	198	250723	24.243 ng/ul	93
64) N-Nitrosodiphenylamine	15.65	169	1234742	19.197 ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	430182	20.078 ng/ul	98
66) Hexachlorobenzene	16.44	284	466635	20.270 ng/ul	98
67) Atrazine	16.60	200	459925	20.213 ng/ul	99
68) Pentachlorophenol	16.79	266	262874	19.410 ng/ul	99
69) Phenanthrene	17.18	178	2217869	19.402 ng/ul	99
71) Anthracene	17.27	178	2292798	19.757 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	570930	19.942 ng/uL	97
73) Pentachlorobenzene	14.70	250	539259	20.337 ng/uL	99
74) Carbazole	17.54	167	2113696	20.218 ng/ul	100
75) Di-n-butylphthalate	18.11	149	2607699	19.085 ng/ul	99
76) Fluoranthene	19.21	202	2598789	21.297 ng/ul	98
79) Pyrene	19.57	202	2664250	19.612 ng/ul	97
80) Butylbenzylphthalate	20.48	149	1228989	20.131 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	914293	21.468 ng/ul	99
82) Benzo(a)anthracene	21.33	228	2628161	19.495 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	1730549	19.557 ng/ul	98
84) Chrysene	21.38	228	2459016	19.558 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	3171167	22.050 ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2636089	19.256 ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	2532442	20.119 ng/ul	97
90) Benzo(a)pyrene	23.53	252	2510604	19.447 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.92	276	2736083	18.061 ng/ul#	95
92) Dibenzo(a,h)anthracene	25.93	278	2310669	18.320 ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	2254041	17.667 ng/ul	97

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

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