Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012919\
Data File : BN004341.D
Acq On : 29 Jan 2019 09:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02067

Quant Time: Jan 29 10:43:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 09 12:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	63278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	276664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	161496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	375669	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	407473	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	385400	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	10378	8.21	ng/uL	0.00
5) Phenol-d5	6.92	99	102361	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	55939	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	91474	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	85373	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	41402	22.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	43185	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	90768	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	87281	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	277656	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	344788	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	46694	18.82	ng/ul	0.00
57) Fluorene-d10	15.39	176	240999	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	41450	19.22	ng/ul	0.00
70) Anthracene-d10	17.25	188	370900	20.34	ng/ul	0.00
78) Pyrene-d10	19.55	212	422020	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	427918	20.73	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	11368	8.103	ng/uL	98
4) Benzaldehyde	6.91	77	17531	20.139	ng/ul	97
6) Phenol	6.94	94	103346	20.428	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.19	93	79051	20.601	ng/ul	99
10) 2-Chlorophenol	7.32	128	90505	20.390	ng/ul	99
11) 2-Methylphenol	8.19	108	81132	20.225	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	92910	19.985	ng/ul	98
14) Acetophenone	8.58	105	129959	20.917	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	56569	20.518	ng/ul	98
16) 4-Methylphenol	8.52	108	86790	20.413	ng/ul	100
17) Hexachloroethane	8.83	117	34287	20.236	ng/ul	93
20) Nitrobenzene	8.96	77	87870	21.482	ng/ul	100
21) Isophorone	9.48	82	169049	20.073	ng/ul	100
23) 2-Nitrophenol	9.66	139	48088	21.867	ng/ul	99
24) 2,4-Dimethylphenol	9.72	107	98615	20.408	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	108798	20.877	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	89024	20.764	ng/ul	98
28) Naphthalene	10.59	128	291723	20.259	ng/ul	100
30) 4-Chloroaniline	10.71	127	88619	22.462	ng/ul	100
31) Hexachlorobutadiene	10.86	225	59873	20.330	ng/ul	100
32) Caprolactam	11.47	113	24602	19.207	ng/ul	96
33) 4-Chloro-3-methylphenol	11.82	107	89423	20.281	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	212990	20.436	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	115648	20.396	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	72811	20.779	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	70263	20.607	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	77350	20.822	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	273296	20.343	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	213744	20.431	ng/ul	100
42) 2-Nitroaniline	13.48	65	46875	22.373	ng/ul	100
44) Dimethylphthalate	13.86	163	269276	20.082	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	52689	22.088	ng/ul	97
47) Acenaphthylene	14.12	152	322304	20.442	ng/ul	100
48) 3-Nitroaniline	14.31	138	50735	21.917	ng/ul	98
49) Acenaphthene	14.46	153	227293	20.320	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	25434	18.487	ng/ul	99
52) 4-Nitrophenol	14.60	109	34252	18.438	ng/ul	97
53) Dibenzofuran	14.79	168	321527	20.298	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	78252	22.227	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.02	232	65525	19.734	ng/ul	99
56) Diethylphthalate	15.22	149	270896	19.955	ng/ul	99
58) Fluorene	15.45	166	258431	20.408	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	136169	20.423	ng/ul	99
60) 4-Nitroaniline	15.47	138	59723	21.717	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	44400	19.669	ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	227760	20.689	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	88083	20.561	ng/ul	99
66) Hexachlorobenzene	16.44	284	99866	20.367	ng/ul	95
67) Atrazine	16.61	200	80373	19.713	ng/ul	99
68) Pentachlorophenol	16.79	266	54431	18.334	ng/ul	99
69) Phenanthrene	17.19	178	422450	20.321	ng/ul	99
71) Anthracene	17.27	178	426950	20.493	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	114759	20.784	ng/uL	99
73) Pentachlorobenzene	14.70	250	115780	20.869	ng/uL	100
74) Carbazole	17.55	167	377024	20.830	ng/ul	99
75) Di-n-butylphthalate	18.11	149	449667	20.586	ng/ul	100
76) Fluoranthene	19.20	202	504417	20.723	ng/ul	99
79) Pyrene	19.57	202	512456	21.025	ng/ul	99
80) Butylbenzylphthalate	20.48	149	207369	22.992	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	112334	13.730	ng/ul	98
82) Benzo(a)anthracene	21.33	228	527045	20.688	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	349952	25.882	ng/ul	99
84) Chrysene	21.38	228	488861	20.503	ng/ul	100
86) Di-n-octyl phthalate	22.15	149	516266	22.930	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	489337	20.752	ng/ul	100
88) Benzo(k)fluoranthene	22.98	252	495081	21.832	ng/ul	99
90) Benzo(a)pyrene	23.52	252	463872	20.726	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.92	276	488410	18.903	ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	407078	19.147	ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	393716	18.349	ng/ul	99

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

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