Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011921\
Data File : BN013427.D
Acq On : 19 Jan 2021 16:19
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020059

Quant Time: Jan 19 16:49:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 10:08:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	502405	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1947859	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1062507	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1969080	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1581441	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1536899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	107342	8.51	ng/uL	0.00
4) Pyridine-d5	3.56	84	689148	21.07	ng/ul	0.00
7) Phenol-d5	6.76	99	833287	20.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	503025	21.20	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	741108	21.35	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	654987	20.18	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	336452	22.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	337616	21.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	646817	21.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	892974	20.35	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1653664	20.68	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	2139728	21.35	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	306917	20.06	ng/ul	0.00
60) Fluorene-d10	15.22	176	1445715	20.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	220653	18.99	ng/ul	0.00
73) Anthracene-d10	17.07	188	2035514	21.28	ng/ul	0.00
81) Pyrene-d10	19.37	212	1989134	21.96	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1802862	22.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	112429	8.634	ng/uL	98
5) Pyridine	3.58	79	703495	21.292	ng/ul	98
6) Benzaldehyde	6.73	77	238088	15.613	ng/ul	99
8) Phenol	6.79	94	880684	21.142	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.02	93	726136	21.270	ng/ul	100
12) 2-Chlorophenol	7.15	128	753032	20.994	ng/ul	99
13) 2-Methylphenol	8.02	108	646694	20.375	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	1020847	21.424	ng/ul	99
16) Acetophenone	8.39	105	1031787	20.952	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	468341	21.054	ng/ul	96
18) 4-Methylphenol	8.35	108	709216	20.756	ng/ul	99
19) Hexachloroethane	8.65	117	311817	21.181	ng/ul	99
22) Nitrobenzene	8.77	77	758173	22.151	ng/ul	98
23) Isophorone	9.29	82	1284764	21.183	ng/ul	98
25) 2-Nitrophenol	9.47	139	385185	21.830	ng/ul	99
26) 2,4-Dimethylphenol	9.54	107	740369	21.547	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.78	93	897041	21.484	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	654376	21.530	ng/ul	98
30) Naphthalene	10.40	128	2379747	21.520	ng/ul	100
32) 4-Chloroaniline	10.51	127	878488	20.763	ng/ul	100
33) Hexachlorobutadiene	10.69	225	418194	21.060	ng/ul	95
34) Caprolactam	11.26	113	161582	18.305	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.64	107	633218	20.897	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	1560492	20.966	ng/ul	98
37) 1-Methylnaphthalene	12.24	142	1489115	20.762	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	741541	21.754	ng/ul	96
40) Hexachlorocyclopentadiene	12.38	237	444994	21.151	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	443955	21.461	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	480585	21.339	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	1933022	21.606	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	1519796	21.550	ng/ul	98
45) 2-Nitroaniline	13.29	65	345533	21.804	ng/ul	97
47) Dimethylphthalate	13.69	163	1733990	21.031	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	344586	21.812	ng/ul	99
50) Acenaphthylene	13.94	152	2233058	21.564	ng/ul	100
51) 3-Nitroaniline	14.13	138	246180	16.792	ng/ul	97
52) Acenaphthene	14.29	153	1577376	21.351	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	145651	16.468	ng/ul	98
55) 4-Nitrophenol	14.44	109	224568	20.459	ng/ul	99
56) Dibenzofuran	14.62	168	2128476	21.260	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	478578	21.313	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	377933	20.798	ng/ul	98
59) Diethylphthalate	15.06	149	1663499	20.692	ng/ul	100
61) Fluorene	15.27	166	1690886	21.188	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	821594	21.088	ng/ul	99
63) 4-Nitroaniline	15.29	138	215608	16.528	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.35	198	252818	20.066	ng/ul	94
67) N-Nitrosodiphenylamine	15.49	169	1378840	21.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	466380	20.971	ng/ul	94
69) Hexachlorobenzene	16.28	284	528769	21.030	ng/ul	98
70) Atrazine	16.45	200	446182	20.966	ng/ul	96
71) Pentachlorophenol	16.62	266	268595	18.885	ng/ul	99
72) Phenanthrene	17.02	178	2506450	21.173	ng/ul	99
74) Anthracene	17.10	178	2581492	21.627	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	716318	22.535	ng/uL	98
76) Pentachlorobenzene	14.54	250	671604	21.707	ng/uL	95
77) Carbazole	17.37	167	2154682	21.960	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2401938	20.493	ng/ul	99
80) Fluoranthene	19.04	202	2584742	21.957	ng/ul	98
82) Pyrene	19.40	202	2668212	21.995	ng/ul	100
83) Butylbenzylphthalate	20.33	149	896890	21.055	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	529155	17.855	ng/ul#	98
85) Benzo(a)anthracene	21.16	228	2295177	21.797	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	1307676	21.298	ng/ul	99
87) Chrysene	21.21	228	2241333	21.602	ng/ul	99
89) Di-n-octyl phthalate	21.99	149	2068924	20.623	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	2169816	20.921	ng/ul	99
91) Benzo(k)fluoranthene	22.76	252	2290225	22.446	ng/ul	98
93) Benzo(a)pyrene	23.26	252	2071984	22.352	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.54	276	2588334	24.731	ng/ul	99
95) Dibenzo(a,h)anthracene	25.55	278	2175184	24.859	ng/ul	98
96) Benzo(g,h,i)perylene	26.20	276	2157590	24.568	ng/ul	99

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

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