Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011521\
Data File : BN013413.D
Acq On : 15 Jan 2021 14:49
Operator : CG/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD010053

Quant Time: Jan 15 16:08:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:56:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	484241	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1968078	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1140352	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2283243	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	2122606	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1912647	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	47957	3.77	ng/uL	0.00
4) Pyridine-d5	3.58	84	300895	9.49	ng/ul	0.00
7) Phenol-d5	6.76	99	369289	9.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	229329	10.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	324746	9.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	293539	8.94	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	143662	9.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	142448	8.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	297976	9.33	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	436213	9.99	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	861503	9.77	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	1063295	9.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	147156	9.13	ng/ul	0.00
60) Fluorene-d10	15.22	176	773103	10.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	109501	9.74	ng/ul	0.00
73) Anthracene-d10	17.07	188	1133695	10.22	ng/ul	0.00
81) Pyrene-d10	19.37	212	1175629	10.28	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	976162	9.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	49898	3.953	ng/uL	97
5) Pyridine	3.59	79	308539	9.665	ng/ul	99
6) Benzaldehyde	6.74	77	162696	10.656	ng/ul	99
8) Phenol	6.79	94	390477	9.493	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.02	93	328784	10.086	ng/ul	98
12) 2-Chlorophenol	7.16	128	340366	9.430	ng/ul	99
13) 2-Methylphenol	8.03	108	292410	9.227	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.12	45	469297	10.275	ng/ul	98
16) Acetophenone	8.40	105	484836	10.056	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	212284	8.874	ng/ul	95
18) 4-Methylphenol	8.35	108	316947	9.316	ng/ul	97
19) Hexachloroethane	8.66	117	138805	9.800	ng/ul	98
22) Nitrobenzene	8.77	77	339502	9.663	ng/ul	95
23) Isophorone	9.29	82	589546	8.873	ng/ul	99
25) 2-Nitrophenol	9.48	139	166241	9.240	ng/ul	98
26) 2,4-Dimethylphenol	9.54	107	335444	9.233	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	417924	9.725	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	303079	9.643	ng/ul	99
30) Naphthalene	10.40	128	1123522	10.174	ng/ul	99
32) 4-Chloroaniline	10.51	127	434693	10.455	ng/ul	100
33) Hexachlorobutadiene	10.70	225	197957	10.076	ng/ul	93
34) Caprolactam	11.26	113	73255	7.558	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.64	107	297473	8.837	ng/ul	97
36) 2-Methylnaphthalene	12.02	142	759519	10.002	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	730532	9.981	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	367814	10.718	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	211980	11.855	ng/ul	98
41) 2,4,6-Trichlorophenol	12.64	196	210605	9.306	ng/ul	99
42) 2,4,5-Trichlorophenol	12.71	196	233437	9.693	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	974286	10.607	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	756317	10.455	ng/ul	98
45) 2-Nitroaniline	13.29	65	155112	8.415	ng/ul	97
47) Dimethylphthalate	13.69	163	897194	9.915	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	157766	9.192	ng/ul	95
50) Acenaphthylene	13.94	152	1127869	10.255	ng/ul	99
51) 3-Nitroaniline	14.13	138	140606	8.882	ng/ul	97
52) Acenaphthene	14.29	153	807481	10.406	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	66159	8.602	ng/ul	95
55) 4-Nitrophenol	14.43	109	111599	9.201	ng/ul	91
56) Dibenzofuran	14.63	168	1111823	10.465	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	232940	9.525	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	189915	9.339	ng/ul	98
59) Diethylphthalate	15.07	149	866074	9.414	ng/ul	99
61) Fluorene	15.27	166	885279	10.286	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.28	204	435109	10.487	ng/ul	99
63) 4-Nitroaniline	15.29	138	134137	9.021	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.35	198	124421	9.950	ng/ul#	95
67) N-Nitrosodiphenylamine	15.49	169	743655	10.337	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	259773	10.337	ng/ul	92
69) Hexachlorobenzene	16.28	284	293214	10.292	ng/ul	99
70) Atrazine	16.45	200	230910	9.396	ng/ul	97
71) Pentachlorophenol	16.63	266	140251	8.828	ng/ul	97
72) Phenanthrene	17.02	178	1396658	10.543	ng/ul	99
74) Anthracene	17.10	178	1431673	10.589	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	359866	10.874	ng/uL	97
76) Pentachlorobenzene	14.55	250	358914	10.869	ng/uL	98
77) Carbazole	17.37	167	1187363	10.820	ng/ul	99
78) Di-n-butylphthalate	17.96	149	1331537	8.902	ng/ul	99
80) Fluoranthene	19.04	202	1524081	10.420	ng/ul	99
82) Pyrene	19.40	202	1596382	10.646	ng/ul	99
83) Butylbenzylphthalate	20.33	149	491440	7.625	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.10	252	354062	8.820	ng/ul#	99
85) Benzo(a)anthracene	21.16	228	1411969	10.078	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	738562	7.736	ng/ul	99
87) Chrysene	21.21	228	1403462	10.230	ng/ul	100
89) Di-n-octyl phthalate	21.99	149	1080988	9.085	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	1312602	10.763	ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	1246647	10.732	ng/ul	98
93) Benzo(a)pyrene	23.27	252	1133333	10.250	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.54	276	1207113	8.716	ng/ul	99
95) Dibenzo(a,h)anthracene	25.55	278	1016745	8.760	ng/ul	97
96) Benzo(g,h,i)perylene	26.20	276	998086	8.504	ng/ul	99

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

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