Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013448.D
Acq On : 21 Jan 2021 11:01
Operator : CG/JU
Sample : SSTD02055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020553

Manual Integrations APPROVED
mohammad
1/25/2021 7:55:39 AM

Quant Time: Jan 21 11:54:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 11:50:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	532448	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2131034	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1212754	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2311144	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1814092	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1607282	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	106211	7.95	ng/uL	0.00
4) Pyridine-d5	3.57	84	685514	19.78	ng/ul	0.00
7) Phenol-d5	6.76	99	854213	19.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	512353	20.38	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	756062	20.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	694528	20.19	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	348404	21.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	358966	20.86	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	696642	20.96	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	997080	20.77	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1890298	20.71	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	2450382	21.42	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	348333	19.94	ng/ul	0.00
60) Fluorene-d10	15.22	176	1676338	20.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	264358	19.38	ng/ul	0.00
73) Anthracene-d10	17.07	188	2430217	21.64	ng/ul	0.00
81) Pyrene-d10	19.37	212	2339900	22.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1879019	22.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	107527	7.791	ng/uL	100
5) Pyridine	3.59	79	697084	19.908	ng/ul	100
6) Benzaldehyde	6.74	77	360567	22.310	ng/ul	100
8) Phenol	6.79	94	905825	20.519	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.02	93	745106	20.594	ng/ul	100
12) 2-Chlorophenol	7.15	128	779902	20.516	ng/ul	100
13) 2-Methylphenol	8.02	108	678216	20.163	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1053186	20.856	ng/ul	100
16) Acetophenone	8.40	105	1086640	20.821	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.39	70	490298	20.798	ng/ul	100
18) 4-Methylphenol	8.35	108	744073	20.548	ng/ul	100
19) Hexachloroethane	8.65	117	326330	20.916	ng/ul	100
22) Nitrobenzene	8.77	77	797390	21.294	ng/ul	100
23) Isophorone	9.29	82	1394707	21.019	ng/ul	100
25) 2-Nitrophenol	9.47	139	414905	21.493	ng/ul	100
26) 2,4-Dimethylphenol	9.54	107	788250	20.969	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.78	93	950762	20.814	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	697169	20.966	ng/ul	100
30) Naphthalene	10.40	128	2516909	20.804	ng/ul	100
32) 4-Chloroaniline	10.51	127	981181	21.197	ng/ul	100
33) Hexachlorobutadiene	10.69	225	452743	20.840	ng/ul	100
34) Caprolactam	11.26	113	183248m	18.975	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	691117	20.847	ng/ul	100
36) 2-Methylnaphthalene	12.02	142	1700637	20.885	ng/ul	100
37) 1-Methylnaphthalene	12.24	142	1637719	20.871	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	805332	20.699	ng/ul	100
40) Hexachlorocyclopentadiene	12.37	237	488216	20.331	ng/ul	100
41) 2,4,6-Trichlorophenol	12.64	196	494124	20.927	ng/ul	100
42) 2,4,5-Trichlorophenol	12.70	196	540228	21.015	ng/ul	100
43) 1,1'-Biphenyl	13.05	154	2124266	20.802	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	1702373	21.148	ng/ul	100
45) 2-Nitroaniline	13.29	65	397066	21.952	ng/ul	100
47) Dimethylphthalate	13.69	163	1981133	21.052	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	393623	21.829	ng/ul	100
50) Acenaphthylene	13.94	152	2518194	21.304	ng/ul	100
51) 3-Nitroaniline	14.12	138	273336	16.335	ng/ul	100
52) Acenaphthene	14.29	153	1770888	21.001	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	167826	16.625	ng/ul	100
55) 4-Nitrophenol	14.44	109	258333	20.620	ng/ul	100
56) Dibenzofuran	14.62	168	2390326	20.917	ng/ul	100
57) 2,4-Dinitrotoluene	14.59	165	565105	22.049	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	431121	20.786	ng/ul	100
59) Diethylphthalate	15.06	149	1950711	21.259	ng/ul	100
61) Fluorene	15.27	166	1922290	21.103	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	946660	21.288	ng/ul	100
63) 4-Nitroaniline	15.29	138	247821	16.644	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.35	198	296789	20.070	ng/ul	100
67) N-Nitrosodiphenylamine	15.49	169	1628666	21.767	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	551951	21.146	ng/ul	100
69) Hexachlorobenzene	16.27	284	636043	21.552	ng/ul	100
70) Atrazine	16.45	200	540014	21.619	ng/ul	100
71) Pentachlorophenol	16.62	266	328580	19.683	ng/ul	100
72) Phenanthrene	17.01	178	2941315	21.169	ng/ul	100
74) Anthracene	17.10	178	2994320	21.373	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	796434	21.347	ng/uL	100
76) Pentachlorobenzene	14.54	250	774920	21.339	ng/uL	100
77) Carbazole	17.37	167	2567930	22.298	ng/ul	100
78) Di-n-butylphthalate	17.96	149	2998031	21.793	ng/ul	100
80) Fluoranthene	19.03	202	3051364	22.596	ng/ul	100
82) Pyrene	19.40	202	3132779	22.512	ng/ul	100
83) Butylbenzylphthalate	20.33	149	1071453	21.928	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.10	252	608252	17.892	ng/ul	100
85) Benzo(a)anthracene	21.16	228	2560551	21.199	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	1473662	20.923	ng/ul	100
87) Chrysene	21.21	228	2498058	20.989	ng/ul	100
89) Di-n-octyl phthalate	21.98	149	2257348	21.516	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	2377415	21.919	ng/ul	100
91) Benzo(k)fluoranthene	22.74	252	2299629	21.552	ng/ul	100
93) Benzo(a)pyrene	23.26	252	2150583	22.184	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.53	276	2554161	23.336	ng/ul	100
95) Dibenzo(a,h)anthracene	25.54	278	2143449	23.423	ng/ul	100
96) Benzo(g,h,i)perylene	26.19	276	2103812	22.907	ng/ul	100

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

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