Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013456.D
Acq On : 21 Jan 2021 18:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020557

Manual Integrations APPROVED
mohammad
1/25/2021 7:56:06 AM

Quant Time: Jan 22 00:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 13:24:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	522070	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2068503	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1166169	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2258838	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1780795	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1626299	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	106648	8.33	ng/uL	0.00
4) Pyridine-d5	3.57	84	697845	20.88	ng/ul	0.00
7) Phenol-d5	6.76	99	878219	21.39	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	516860	21.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	764796	21.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	697640	21.41	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	354958	21.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	370407	22.23	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	701345	21.98	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	985524	21.88	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	1868815	21.60	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	2385042	21.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	344206	21.24	ng/ul	0.00
60) Fluorene-d10	15.22	176	1630683	21.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	264820	20.12	ng/ul	0.00
73) Anthracene-d10	17.07	188	2389309	21.89	ng/ul	0.00
81) Pyrene-d10	19.37	212	2300845	21.73	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1906061	22.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	111736	8.434	ng/uL	98
5) Pyridine	3.59	79	704709	20.819	ng/ul	100
6) Benzaldehyde	6.74	77	249419	14.887	ng/ul	94
8) Phenol	6.79	94	908695	21.431	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	745116	21.377	ng/ul	97
12) 2-Chlorophenol	7.15	128	791563	21.514	ng/ul	99
13) 2-Methylphenol	8.02	108	681591	21.338	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1044430	21.462	ng/ul	98
16) Acetophenone	8.39	105	1091815	22.184	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	490912	21.922	ng/ul	98
18) 4-Methylphenol	8.35	108	738227	21.344	ng/ul	97
19) Hexachloroethane	8.65	117	323240	21.092	ng/ul	99
22) Nitrobenzene	8.77	77	794169	21.559	ng/ul	99
23) Isophorone	9.29	82	1385088	21.881	ng/ul	99
25) 2-Nitrophenol	9.47	139	411947	21.765	ng/ul	98
26) 2,4-Dimethylphenol	9.54	107	788178	21.713	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.78	93	955252	21.644	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	691519	21.529	ng/ul	99
30) Naphthalene	10.40	128	2503689	21.440	ng/ul	99
32) 4-Chloroaniline	10.51	127	960305	22.072	ng/ul	100
33) Hexachlorobutadiene	10.69	225	448613	21.394	ng/ul	97
34) Caprolactam	11.26	113	193269m	21.739	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	698069	22.169	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	1690134	21.648	ng/ul	99
37) 1-Methylnaphthalene	12.24	142	1610522	21.543	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	790376	21.096	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	475171	20.684	ng/ul	99
41) 2,4,6-Trichlorophenol	12.64	196	496756	21.988	ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	527852	21.371	ng/ul	95
43) 1,1'-Biphenyl	13.05	154	2113904	21.486	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	1661546	21.365	ng/ul	98
45) 2-Nitroaniline	13.29	65	397727	22.383	ng/ul	99
47) Dimethylphthalate	13.69	163	1938306	21.539	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	392772	22.307	ng/ul	98
50) Acenaphthylene	13.94	152	2451876	21.626	ng/ul	99
51) 3-Nitroaniline	14.12	138	279666	17.315	ng/ul	95
52) Acenaphthene	14.28	153	1733230	21.424	ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	170993	19.034	ng/ul	97
55) 4-Nitrophenol	14.43	109	253796	21.764	ng/ul	96
56) Dibenzofuran	14.62	168	2333357	21.535	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	552218	22.446	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	428682	22.403	ng/ul	94
59) Diethylphthalate	15.06	149	1920418	22.093	ng/ul	99
61) Fluorene	15.27	166	1888780	22.095	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	939255	22.393	ng/ul	98
63) 4-Nitroaniline	15.29	138	244616	16.851	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	291492	20.427	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	1611901	21.542	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	548574	21.536	ng/ul	98
69) Hexachlorobenzene	16.27	284	628957	21.565	ng/ul	98
70) Atrazine	16.45	200	529338	21.619	ng/ul	96
71) Pentachlorophenol	16.62	266	330063	21.204	ng/ul	98
72) Phenanthrene	17.01	178	2871089	21.288	ng/ul	99
74) Anthracene	17.10	178	2936645	21.691	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	774099	20.183	ng/uL	97
76) Pentachlorobenzene	14.54	250	740961	20.309	ng/uL	95
77) Carbazole	17.37	167	2523381	22.304	ng/ul	99
78) Di-n-butylphthalate	17.96	149	3014338	23.439	ng/ul	100
80) Fluoranthene	19.03	202	3053227	22.212	ng/ul	99
82) Pyrene	19.40	202	3102933	21.986	ng/ul	97
83) Butylbenzylphthalate	20.33	149	1124073	23.934	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.10	252	649452	20.566	ng/ul	97
85) Benzo(a)anthracene	21.16	228	2496773	21.105	ng/ul	93
86) Bis(2-ethylhexyl)phthalate	21.11	149	1565637	23.702	ng/ul#	97
87) Chrysene	21.21	228	2545052	21.856	ng/ul	98
89) Di-n-octyl phthalate	21.98	149	2389203	23.862	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	2335804	21.945	ng/ul	96
91) Benzo(k)fluoranthene	22.75	252	2383549	22.622	ng/ul	98
93) Benzo(a)pyrene	23.26	252	2179728	22.288	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.54	276	2581926	21.290	ng/ul	98
95) Dibenzo(a,h)anthracene	25.55	278	2151291	21.235	ng/ul	97
96) Benzo(g,h,i)perylene	26.19	276	2163707	21.463	ng/ul	95

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

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