

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023559.D
 Acq On : 04 Jan 2023 19:07
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV223

Quant Time: Jan 05 03:36:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 03:34:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	165737	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	732479	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	464150	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1033900	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	977249	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1008632	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	29502	7.660	ng/uL	0.00
4) Pyridine-d5	3.728	84	227895	19.722	ng/u1	0.00
7) Phenol-d5	7.110	99	282284	19.218	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	174796	19.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	224508	19.957	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	229164	19.546	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	112614	20.388	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	123506	21.123	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	230460	20.664	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	347937	19.834	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	692078	20.044	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	809138	21.150	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	141508	20.132	ng/u1	0.00
60) Fluorene-d10	15.598	176	606291	20.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	116314	18.649	ng/u1	0.00
73) Anthracene-d10	17.451	188	964959	20.857	ng/u1	0.00
81) Pyrene-d10	19.745	212	1131781	20.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1045669	20.964	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	32319	7.949	ng/uL	92
5) Pyridine	3.752	79	226926	19.183	ng/u1	96
6) Benzaldehyde	7.081	77	126068	22.161	ng/u1	98
8) Phenol	7.140	94	296774	19.848	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.369	93	237328	20.088	ng/u1	98
12) 2-Chlorophenol	7.510	128	242033	20.819	ng/u1	97
13) 2-Methylphenol	8.398	108	225037	19.999	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	319543	20.223	ng/u1	98
16) Acetophenone	8.781	105	367079	20.257	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	190414	20.870	ng/u1	100
18) 4-Methylphenol	8.728	108	247816	19.999	ng/u1	99
19) Hexachloroethane	9.034	117	95193	20.473	ng/u1	98
22) Nitrobenzene	9.163	77	285350	20.642	ng/u1	99
23) Isophorone	9.693	82	532898	21.315	ng/u1	99
25) 2-Nitrophenol	9.881	139	138534	21.315	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	278388	21.106	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.181	93	329578	20.324	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	239211	21.436	ng/u1	96
30) Naphthalene	10.816	128	814645	20.689	ng/u1	99
32) 4-Chloroaniline	10.934	127	356746	20.305	ng/u1	100
33) Hexachlorobutadiene	11.104	225	149799	21.703	ng/u1	95
34) Caprolactam	11.710	113	76171m	20.323	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	263594	21.663	ng/u1	96
36) 2-Methylnaphthalene	12.428	142	560519	21.354	ng/u1	97

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37) 1-Methylnaphthalene	12.645	142	563157	21.000	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	292438	21.303	ng/u1	97
40) Hexachlorocyclopentadiene	12.775	237	156093	18.042	ng/u1	98
41) 2,4,6-Trichlorophenol	13.039	196	195264	21.579	ng/u1	92
42) 2,4,5-Trichlorophenol	13.104	196	213180	21.542	ng/u1	90
43) 1,1'-Biphenyl	13.439	154	735253	20.533	ng/u1	99
44) 2-Chloronaphthalene	13.481	162	572868	20.620	ng/u1	97
45) 2-Nitroaniline	13.686	65	173120	22.596	ng/u1	98
47) Dimethylphthalate	14.063	163	726598	20.942	ng/u1	100
48) 2,6-Dinitrotoluene	14.186	165	145710	22.215	ng/u1	94
50) Acenaphthylene	14.328	152	889085	20.901	ng/u1	98
51) 3-Nitroaniline	14.510	138	144117	21.926	ng/u1	98
52) Acenaphthene	14.669	153	639486	21.323	ng/u1	98
53) 2,4-Dinitrophenol	14.716	184	81305	18.966	ng/u1	98
55) 4-Nitrophenol	14.816	109	118493	20.874	ng/u1	99
56) Dibenzofuran	15.004	168	864563	20.711	ng/u1	98
57) 2,4-Dinitrotoluene	14.969	165	214744	22.427	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.228	232	182479	21.520	ng/u1	99
59) Diethylphthalate	15.428	149	734947	21.147	ng/u1	99
61) Fluorene	15.651	166	712114	21.066	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.645	204	355453	21.600	ng/u1	98
63) 4-Nitroaniline	15.675	138	132492	21.894	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.733	198	127246	20.673	ng/u1	98
67) N-Nitrosodiphenylamine	15.863	169	616284	21.240	ng/u1	100
68) 4-Bromophenyl-phenylether	16.539	248	221295	21.354	ng/u1	95
69) Hexachlorobenzene	16.657	284	263923	21.732	ng/u1	95
70) Atrazine	16.816	200	216178	19.907	ng/u1	99
71) Pentachlorophenol	16.998	266	160502	20.708	ng/u1	96
72) Phenanthrene	17.392	178	1162824	20.990	ng/u1	99
74) Anthracene	17.486	178	1178567	21.376	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	291673	20.954	ng/uL	95
76) Pentachlorobenzene	14.922	250	315824	22.651	ng/uL	97
77) Carbazole	17.757	167	1068341	21.341	ng/u1	99
78) Di-n-butylphthalate	18.322	149	1308160	22.009	ng/u1	99
80) Fluoranthene	19.410	202	1379693	21.106	ng/u1	100
82) Pyrene	19.774	202	1424912	20.637	ng/u1	100
83) Butylbenzylphthalate	20.668	149	609993	22.315	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.457	252	473427	22.177	ng/u1	98
85) Benzo(a)anthracene	21.521	228	1398562	21.127	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.445	149	889734	22.417	ng/u1	99
87) Chrysene	21.574	228	1319449	21.259	ng/u1	96
89) Di-n-octyl phthalate	22.380	149	1474256	21.178	ng/u1	100
90) Benzo(b)fluoranthene	23.221	252	1364288	21.234	ng/u1	99
91) Benzo(k)fluoranthene	23.274	252	1371306	21.579	ng/u1	96
93) Benzo(a)pyrene	23.857	252	1190084	21.358	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1360743	19.760	ng/u1	98
95) Dibenzo(a,h)anthracene	26.515	278	1193768	20.966	ng/u1	97
96) Benzo(g,h,i)perylene	27.280	276	1139487	20.778	ng/u1	95

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

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