

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
 Data File : BN023651.D
 Acq On : 12 Jan 2023 19:50
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020386

Quant Time: Jan 12 23:08:40 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 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	203369	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	944031	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	587021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1244952	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1163247	20.000	ng/u1	-0.01
88) Perylene-d12	23.962	264	1209713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	35507	7.513	ng/uL	0.00
4) Pyridine-d5	3.722	84	259231	18.282	ng/u1	0.00
7) Phenol-d5	7.105	99	341721	18.959	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	214255	19.377	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	277317	20.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	278161	19.335	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	139281	19.566	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	149401	19.826	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	277302	19.292	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.898	131	415147	18.362	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	803998	18.412	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	939879	19.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	158233	17.799	ng/u1	0.00
60) Fluorene-d10	15.586	176	694540	18.614	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.710	200	133116	17.725	ng/u1	0.00
73) Anthracene-d10	17.445	188	1081410	19.411	ng/u1	0.00
81) Pyrene-d10	19.739	212	1256860	18.892	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1103606	18.448	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	36425	7.301	ng/uL	99
5) Pyridine	3.740	79	267978	18.462	ng/u1	98
6) Benzaldehyde	7.075	77	138694	19.869	ng/u1	99
8) Phenol	7.128	94	352653	19.221	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.363	93	279594	19.286	ng/u1	98
12) 2-Chlorophenol	7.499	128	282973	19.837	ng/u1	99
13) 2-Methylphenol	8.393	108	265695	19.243	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	383972m	19.804	ng/u1	
16) Acetophenone	8.775	105	442554	19.903	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	222421	19.867	ng/u1	98
18) 4-Methylphenol	8.722	108	296444	19.496	ng/u1	98
19) Hexachloroethane	9.028	117	114913	20.141	ng/u1	97
22) Nitrobenzene	9.157	77	344501	19.336	ng/u1	100
23) Isophorone	9.687	82	611199	18.968	ng/u1	100
25) 2-Nitrophenol	9.869	139	164487	19.637	ng/u1	96
26) 2,4-Dimethylphenol	9.934	107	324345	19.080	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	392905	18.799	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	274495	19.085	ng/u1	98
30) Naphthalene	10.810	128	956183	18.842	ng/u1	100
32) 4-Chloroaniline	10.928	127	421977	18.635	ng/u1	96
33) Hexachlorobutadiene	11.093	225	166410	18.706	ng/u1	97
34) Caprolactam	11.704	113	84399m	17.472	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	296640	18.916	ng/u1	95
36) 2-Methylnaphthalene	12.422	142	648351	19.165	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	654483	18.936	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	332284	19.139	ng/u1	98
40) Hexachlorocyclopentadiene	12.769	237	179880	16.439	ng/u1	97
41) 2,4,6-Trichlorophenol	13.028	196	216978	18.960	ng/u1	95
42) 2,4,5-Trichlorophenol	13.098	196	236853	18.925	ng/u1	96
43) 1,1'-Biphenyl	13.434	154	855376	18.887	ng/u1	100
44) 2-Chloronaphthalene	13.475	162	671148	19.101	ng/u1	97
45) 2-Nitroaniline	13.681	65	191539	19.767	ng/u1	98
47) Dimethylphthalate	14.057	163	805882	18.366	ng/u1	100
48) 2,6-Dinitrotoluene	14.181	165	158602	19.119	ng/u1	97
50) Acenaphthylene	14.322	152	1032767	19.197	ng/u1	99
51) 3-Nitroaniline	14.504	138	150625	18.120	ng/u1	99
52) Acenaphthene	14.663	153	717662	18.921	ng/u1	99
53) 2,4-Dinitrophenol	14.710	184	86199	15.899	ng/u1	98
55) 4-Nitrophenol	14.810	109	127195	17.717	ng/u1	99
56) Dibenzofuran	14.992	168	958859	18.162	ng/u1	94
57) 2,4-Dinitrotoluene	14.963	165	230534	19.037	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	201980	18.834	ng/u1	98
59) Diethylphthalate	15.422	149	808619	18.397	ng/u1	99
61) Fluorene	15.645	166	796416	18.629	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.639	204	396206	19.037	ng/u1	97
63) 4-Nitroaniline	15.669	138	142498	18.618	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.728	198	134051	18.087	ng/u1	99
67) N-Nitrosodiphenylamine	15.851	169	681664	19.511	ng/u1	98
68) 4-Bromophenyl-phenylether	16.533	248	237317	19.018	ng/u1	95
69) Hexachlorobenzene	16.651	284	270721	18.513	ng/u1	98
70) Atrazine	16.810	200	237576	18.169	ng/u1	99
71) Pentachlorophenol	16.992	266	167828	17.983	ng/u1	96
72) Phenanthrene	17.386	178	1271297	19.058	ng/u1	100
74) Anthracene	17.480	178	1293918	19.490	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.398	216	321256	19.167	ng/uL	96
76) Pentachlorobenzene	14.916	250	319190	19.012	ng/uL	98
77) Carbazole	17.751	167	1163410	19.300	ng/u1	99
78) Di-n-butylphthalate	18.316	149	1362695	19.040	ng/u1	100
80) Fluoranthene	19.404	202	1460733	18.772	ng/u1	99
82) Pyrene	19.769	202	1555780	18.929	ng/u1	99
83) Butylbenzylphthalate	20.669	149	645123	19.827	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.451	252	499486	19.656	ng/u1	96
85) Benzo(a)anthracene	21.521	228	1493399	18.953	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	927306	19.628	ng/u1	98
87) Chrysene	21.574	228	1404111	19.005	ng/u1	99
89) Di-n-octyl phthalate	22.374	149	1536310	18.401	ng/u1	100
90) Benzo(b)fluoranthene	23.215	252	1483150	19.247	ng/u1	98
91) Benzo(k)fluoranthene	23.263	252	1440637	18.902	ng/u1	99
93) Benzo(a)pyrene	23.851	252	1256559	18.803	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.486	276	1527732	18.498	ng/u1	99
95) Dibenzo(a,h)anthracene	26.509	278	1273368	18.646	ng/u1	100
96) Benzo(g,h,i)perylene	27.274	276	1202079	18.276	ng/u1	98

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

