

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022649.D
 Acq On : 15 Nov 2022 14:07
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV209

Quant Time: Nov 15 22:57:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

11/16/2022
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	83446	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	378931	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	246260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	508386	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	501148	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	524361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	16694	6.830	ng/uL	0.00
4) Pyridine-d5	3.628	84	121544	17.584	ng/u1	0.00
7) Phenol-d5	7.052	99	151733	19.252	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	101293	21.436	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	115130	19.947	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	123077	19.781	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	59870	20.412	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	66661	20.369	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	113575	20.356	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	170098	20.015	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	363141	20.274	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	403209	20.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	70375	19.709	ng/u1	0.00
60) Fluorene-d10	15.557	176	296673	20.195	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	62531	19.351	ng/u1	0.00
73) Anthracene-d10	17.422	188	446186	20.043	ng/u1	0.00
81) Pyrene-d10	19.728	212	500381	19.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	531172	20.151	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	17229	6.624	ng/uL	94
5) Pyridine	3.652	79	111778	16.310	ng/u1	98
6) Benzaldehyde	7.011	77	105444	26.444	ng/u1	97
8) Phenol	7.081	94	152686	18.601	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	118500	18.527	ng/u1	99
12) 2-Chlorophenol	7.434	128	116246	18.862	ng/u1	97
13) 2-Methylphenol	8.340	108	115523	18.908	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	158215m	18.739	ng/u1	
16) Acetophenone	8.716	105	197609	19.899	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.705	70	104543	19.752	ng/u1	99
18) 4-Methylphenol	8.675	108	127008	19.144	ng/u1	100
19) Hexachloroethane	8.958	117	49001	18.779	ng/u1	98
22) Nitrobenzene	9.099	77	152138	19.145	ng/u1	97
23) Isophorone	9.634	82	289356	19.036	ng/u1	99
25) 2-Nitrophenol	9.816	139	70678	19.643	ng/u1	98
26) 2,4-Dimethylphenol	9.887	107	148327	19.218	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.116	93	169570	19.345	ng/u1	98
29) 2,4-Dichlorophenol	10.358	162	111050	19.583	ng/u1	97
30) Naphthalene	10.752	128	383333	19.059	ng/u1	100
32) 4-Chloroaniline	10.875	127	172650	19.453	ng/u1	97
33) Hexachlorobutadiene	11.028	225	66508	19.054	ng/u1	96
34) Caprolactam	11.675	113	40000m	18.593	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	147184	19.901	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	270742	19.760	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022649.D
 Acq On : 15 Nov 2022 14:07
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV209

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

11/16/2022
 Supervised By :mohammad
 ahmed

Quant Time: Nov 15 22:57:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	262604	19.119	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.746	216	124155	18.783	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	70796	18.345	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	88547	18.868	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	97081	19.534	ng/ul	97
43) 1,1'-Biphenyl	13.393	154	352202	19.485	ng/ul	100
44) 2-Chloronaphthalene	13.434	162	268099	19.034	ng/ul	99
45) 2-Nitroaniline	13.651	65	98979	19.350	ng/ul	95
47) Dimethylphthalate	14.028	163	354685	18.840	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	77320	20.289	ng/ul	98
50) Acenaphthylene	14.281	152	437967	19.865	ng/ul	99
51) 3-Nitroaniline	14.481	138	84684	20.638	ng/ul	99
52) Acenaphthene	14.622	153	297052	18.990	ng/ul	96
53) 2,4-Dinitrophenol	14.693	184	46204	17.348	ng/ul	99
55) 4-Nitrophenol	14.810	109	65963	18.636	ng/ul	98
56) Dibenzofuran	14.963	168	414803	20.069	ng/ul	100
57) 2,4-Dinitrotoluene	14.940	165	107271	19.329	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.193	232	82086	19.285	ng/ul	100
59) Diethylphthalate	15.387	149	376648	18.875	ng/ul	98
61) Fluorene	15.616	166	338041	19.585	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.604	204	156389	19.221	ng/ul	95
63) 4-Nitroaniline	15.651	138	86594	23.664	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	62586	18.738	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	293921	19.310	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	96941	19.364	ng/ul	99
69) Hexachlorobenzene	16.616	284	111953	19.130	ng/ul	92
70) Atrazine	16.787	200	101369	18.683	ng/ul	95
71) Pentachlorophenol	16.969	266	67033	18.028	ng/ul	96
72) Phenanthrene	17.363	178	521662	19.038	ng/ul	98
74) Anthracene	17.451	178	527749	19.014	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	121943	18.189	ng/uL	96
76) Pentachlorobenzene	14.875	250	123156	17.021	ng/uL	100
77) Carbazole	17.734	167	507565	19.681	ng/ul	99
78) Di-n-butylphthalate	18.292	149	655467	17.859	ng/ul	99
80) Fluoranthene	19.392	202	602997	18.603	ng/ul	99
82) Pyrene	19.751	202	608505	18.326	ng/ul	100
83) Butylbenzylphthalate	20.657	149	303619	17.964	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	223619	20.223	ng/ul	87
85) Benzo(a)anthracene	21.510	228	615044	18.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	455164	18.246	ng/ul	98
87) Chrysene	21.569	228	565857	18.056	ng/ul	98
89) Di-n-octyl phthalate	22.369	149	771528	16.730	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	648199	18.241	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	608429	18.038	ng/ul	96
93) Benzo(a)pyrene	23.851	252	550333	18.271	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.510	276	671733	19.609	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	598378	19.489	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	581807	19.479	ng/ul	99

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

