

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023219.D
 Acq On : 15 Dec 2022 17:24
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV216

Quant Time: Dec 15 23:24:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	243170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1094553	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	728468	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1711522	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1871880	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	2070192	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	41413	7.046	ng/uL	0.00
4) Pyridine-d5	3.775	84	300186	17.302	ng/u1	0.00
7) Phenol-d5	7.158	99	391151	17.295	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	244890	18.607	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	306226	17.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	319501	17.595	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	160214	18.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	168522	18.920	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	320207	19.043	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	483494	17.870	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1033487	18.931	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1187105	19.390	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	230459	18.902	ng/u1	0.00
60) Fluorene-d10	15.639	176	886564	19.065	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	177995	17.667	ng/u1	0.00
73) Anthracene-d10	17.498	188	1470871	19.176	ng/u1	0.00
81) Pyrene-d10	19.786	212	1836937	18.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	2019539	19.903	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	41693	6.845	ng/uL	97
5) Pyridine	3.799	79	302839	17.082	ng/u1	98
6) Benzaldehyde	7.134	77	196061	24.202	ng/u1	99
8) Phenol	7.187	94	393659	17.232	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	312821	17.630	ng/u1	99
12) 2-Chlorophenol	7.563	128	312630	17.862	ng/u1	97
13) 2-Methylphenol	8.452	108	303120	17.439	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	397399	17.684	ng/u1	98
16) Acetophenone	8.834	105	504825	18.374	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	256364	18.634	ng/u1	97
18) 4-Methylphenol	8.781	108	338986	17.574	ng/u1	100
19) Hexachloroethane	9.093	117	120969	17.945	ng/u1	93
22) Nitrobenzene	9.216	77	375853	18.535	ng/u1	97
23) Isophorone	9.746	82	724653	18.946	ng/u1	100
25) 2-Nitrophenol	9.934	139	185888	19.135	ng/u1	99
26) 2,4-Dimethylphenol	9.993	107	371734	18.904	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	446079	18.232	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	314741	18.916	ng/u1	99
30) Naphthalene	10.875	128	1092155	18.677	ng/u1	100
32) 4-Chloroaniline	10.987	127	495400	18.353	ng/u1	99
33) Hexachlorobutadiene	11.163	225	182298	19.218	ng/u1	95
34) Caprolactam	11.757	113	117791m	18.207	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	361056	19.158	ng/u1	96
36) 2-Methylnaphthalene	12.481	142	757887	19.230	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023219.D
 Acq On : 15 Dec 2022 17:24
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV216

Quant Time: Dec 15 23:24:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	762288	18.769	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	380908	18.487	ng/u1	95
40) Hexachlorocyclopentadiene	12.828	237	214599	17.315	ng/u1	94
41) 2,4,6-Trichlorophenol	13.087	196	263888	18.620	ng/u1	95
42) 2,4,5-Trichlorophenol	13.157	196	290825	18.541	ng/u1	98
43) 1,1'-Biphenyl	13.487	154	1015855	18.455	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	785938	18.335	ng/u1	100
45) 2-Nitroaniline	13.734	65	233980	18.836	ng/u1	97
47) Dimethylphthalate	14.110	163	1041765	18.912	ng/u1	99
48) 2,6-Dinitrotoluene	14.228	165	220601	20.684	ng/u1	96
50) Acenaphthylene	14.375	152	1270613	18.873	ng/u1	99
51) 3-Nitroaniline	14.557	138	254603	23.445	ng/u1	96
52) Acenaphthene	14.716	153	872908	18.650	ng/u1	98
53) 2,4-Dinitrophenol	14.757	184	118201	17.393	ng/u1	96
55) 4-Nitrophenol	14.857	109	174578	19.359	ng/u1	97
56) Dibenzofuran	15.051	168	1221591	18.746	ng/u1	98
57) 2,4-Dinitrotoluene	15.010	165	316066	20.077	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	263595	19.410	ng/u1	97
59) Diethylphthalate	15.469	149	1026862	18.739	ng/u1	97
61) Fluorene	15.698	166	1002395	18.996	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	483828	19.130	ng/u1	97
63) 4-Nitroaniline	15.716	138	279155	26.396	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.775	198	180345	18.335	ng/u1	99
67) N-Nitrosodiphenylamine	15.904	169	876941	18.513	ng/u1	95
68) 4-Bromophenyl-phenylether	16.586	248	310640	18.810	ng/u1	89
69) Hexachlorobenzene	16.704	284	344836	17.860	ng/u1	97
70) Atrazine	16.857	200	332189	19.191	ng/u1	99
71) Pentachlorophenol	17.045	266	235620	18.481	ng/u1	93
72) Phenanthrene	17.439	178	1691866	18.681	ng/u1	98
74) Anthracene	17.533	178	1753003	19.400	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	386418	18.155	ng/uL	99
76) Pentachlorobenzene	14.969	250	386415	17.916	ng/uL	98
77) Carbazole	17.804	167	1679300	20.182	ng/u1	100
78) Di-n-butylphthalate	18.363	149	1980252	20.043	ng/u1	100
80) Fluoranthene	19.451	202	2137121	18.046	ng/u1	99
82) Pyrene	19.816	202	2292391	18.427	ng/u1	98
83) Butylbenzylphthalate	20.710	149	976293	18.964	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	786286	19.115	ng/u1	97
85) Benzo(a)anthracene	21.569	228	2325997	18.547	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1425051	19.577	ng/u1	99
87) Chrysene	21.622	228	2204365	18.625	ng/u1	100
89) Di-n-octyl phthalate	22.427	149	2479303	19.776	ng/u1	100
90) Benzo(b)fluoranthene	23.280	252	2574551	19.717	ng/u1	99
91) Benzo(k)fluoranthene	23.333	252	2402543	19.335	ng/u1	98
93) Benzo(a)pyrene	23.927	252	2198137	19.589	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	2755157	19.381	ng/u1	98
95) Dibenzo(a,h)anthracene	26.615	278	2294446	19.795	ng/u1	98
96) Benzo(g,h,i)perylene	27.386	276	2232855	19.852	ng/u1	99

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

