

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022680.D
 Acq On : 16 Nov 2022 10:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020356

Quant Time: Nov 17 00:12:12 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 11/17/2022
 Supervised By :mohammad ahmed 11/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	104827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	476905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	301737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	592839	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	546303	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	482924	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	22099	7.197	ng/uL	0.00
4) Pyridine-d5	3.628	84	168896	19.451	ng/u1	0.00
7) Phenol-d5	7.046	99	200413	20.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	118716	19.999	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	152023	20.967	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	155332	19.873	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	75464	20.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	82275	19.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	140408	19.996	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	207863	19.434	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	421882	19.223	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	479043	19.810	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	78030	17.835	ng/u1	0.00
60) Fluorene-d10	15.557	176	342592	19.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	64959	17.239	ng/u1	0.00
73) Anthracene-d10	17.422	188	523921	20.183	ng/u1	0.00
81) Pyrene-d10	19.727	212	550583	19.448	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	480922	19.811	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	26680	8.165	ng/uL#	90
5) Pyridine	3.646	79	174044	20.216	ng/u1	95
6) Benzaldehyde	7.010	77	109739	21.908	ng/u1	98
8) Phenol	7.075	94	208118	20.183	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.299	93	158852	19.770	ng/u1	99
12) 2-Chlorophenol	7.434	128	161318	20.836	ng/u1	99
13) 2-Methylphenol	8.334	108	154161	20.085	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	216545	20.416	ng/u1	99
16) Acetophenone	8.716	105	254058	20.365	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	135764	20.419	ng/u1	99
18) 4-Methylphenol	8.675	108	169160	20.297	ng/u1	96
19) Hexachloroethane	8.957	117	67413	20.566	ng/u1	95
22) Nitrobenzene	9.099	77	199344	19.932	ng/u1	98
23) Isophorone	9.628	82	373058	19.501	ng/u1	99
25) 2-Nitrophenol	9.816	139	90646	20.017	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	197571	20.339	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.116	93	216938	19.664	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	146263	20.494	ng/u1	99
30) Naphthalene	10.751	128	508947	20.106	ng/u1	99
32) 4-Chloroaniline	10.875	127	216919	19.420	ng/u1	99
33) Hexachlorobutadiene	11.028	225	88804	20.215	ng/u1	92
34) Caprolactam	11.675	113	48649m	17.968	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	186651	20.052	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	343664	19.929	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022680.D
 Acq On : 16 Nov 2022 10:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020356

Quant Time: Nov 17 00:12:12 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 11/17/2022
 Supervised By :mohammad ahmed 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	344392	19.923	ng/u1	92
39) 1,2,4,5-Tetrachloroben...	12.740	216	162692	20.088	ng/u1	99
40) Hexachlorocyclopentadiene	12.710	237	85745	18.133	ng/u1	98
41) 2,4,6-Trichlorophenol	12.993	196	110484	19.214	ng/u1	94
42) 2,4,5-Trichlorophenol	13.069	196	122709	20.151	ng/u1	95
43) 1,1'-Biphenyl	13.392	154	436770	19.720	ng/u1	99
44) 2-Chloronaphthalene	13.434	162	342200	19.828	ng/u1	97
45) 2-Nitroaniline	13.651	65	123883	19.766	ng/u1	97
47) Dimethylphthalate	14.022	163	433288	18.783	ng/u1	100
48) 2,6-Dinitrotoluene	14.151	165	91505	19.596	ng/u1	99
50) Acenaphthylene	14.281	152	531521	19.675	ng/u1	98
51) 3-Nitroaniline	14.481	138	94227	18.741	ng/u1	99
52) Acenaphthene	14.622	153	374104	19.518	ng/u1	97
53) 2,4-Dinitrophenol	14.692	184	44304	13.576	ng/u1	98
55) 4-Nitrophenol	14.804	109	79700	18.377	ng/u1	98
56) Dibenzofuran	14.963	168	492936	19.464	ng/u1	99
57) 2,4-Dinitrotoluene	14.939	165	133802	19.677	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.192	232	102273	19.610	ng/u1	98
59) Diethylphthalate	15.386	149	464736	19.008	ng/u1	98
61) Fluorene	15.610	166	409807	19.377	ng/u1	95
62) 4-Chlorophenyl-phenyle...	15.604	204	194943	19.555	ng/u1	97
63) 4-Nitroaniline	15.651	138	84596	18.867	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.704	198	67173	17.246	ng/u1	99
67) N-Nitrosodiphenylamine	15.828	169	356442	20.082	ng/u1	96
68) 4-Bromophenyl-phenylether	16.504	248	118237	20.253	ng/u1	97
69) Hexachlorobenzene	16.616	284	136674	20.028	ng/u1	95
70) Atrazine	16.786	200	127147	20.096	ng/u1	99
71) Pentachlorophenol	16.969	266	82327	18.987	ng/u1	99
72) Phenanthrene	17.363	178	626810	19.616	ng/u1	97
74) Anthracene	17.457	178	645771	19.952	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	162816	20.826	ng/uL	98
76) Pentachlorobenzene	14.875	250	173285	20.537	ng/uL	98
77) Carbazole	17.733	167	595088	19.788	ng/u1	98
78) Di-n-butylphthalate	18.292	149	797817	18.641	ng/u1	100
80) Fluoranthene	19.392	202	687866	19.467	ng/u1	98
82) Pyrene	19.757	202	723567	19.990	ng/u1	99
83) Butylbenzylphthalate	20.657	149	354932	19.264	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.451	252	228525	18.959	ng/u1	98
85) Benzo(a)anthracene	21.516	228	660177	18.300	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.433	149	510753	18.782	ng/u1	99
87) Chrysene	21.569	228	628567	18.399	ng/u1	97
89) Di-n-octyl phthalate	22.368	149	844320	19.879	ng/u1	100
90) Benzo(b)fluoranthene	23.215	252	637226	19.471	ng/u1	98
91) Benzo(k)fluoranthene	23.263	252	621853	20.018	ng/u1	99
93) Benzo(a)pyrene	23.851	252	531630	19.164	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	572866	18.158	ng/u1	98
95) Dibenzo(a,h)anthracene	26.533	278	515003	18.213	ng/u1	99
96) Benzo(g,h,i)perylene	27.304	276	492339	17.898	ng/u1	98

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

