

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
 Data File : BN038099.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020385

Quant Time: Oct 17 17:58:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 17 15:05:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	245864	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1038847	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	630574	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1136628	20.00	ng/ul	0.00
79) Chrysene-d12	21.445	240	1104442	20.00	ng/ul	# 0.00
88) Perylene-d12	24.498	264	1109781	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	49960	8.32	ng/uL	0.00
4) Pyridine-d5	3.640	84	316121	20.14	ng/ul	0.00
7) Phenol-d5	6.940	99	387144	19.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	256773	20.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	332822	20.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	320636	19.55	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	162631	20.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	157034	19.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	318240	20.27	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	446724	19.95	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	918230	20.20	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1104094	20.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	170426	19.16	ng/ul	0.00
60) Fluorene-d10	15.439	176	802678	20.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	116131	16.38	ng/ul	0.00
73) Anthracene-d10	17.292	188	1157000	20.32	ng/ul	0.00
81) Pyrene-d10	19.592	212	1226537	20.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.292	264	1175458	20.07	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	50487	8.10	ng/uL	96
5) Pyridine	3.658	79	339136	19.80	ng/ul	97
6) Benzaldehyde	6.916	77	272875	26.32	ng/ul	98
8) Phenol	6.969	94	414079	20.03	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.205	93	348341	20.42	ng/ul	99
12) 2-Chlorophenol	7.346	128	354435	20.53	ng/ul	97
13) 2-Methylphenol	8.222	108	308505	19.51	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.310	45	502520	20.60	ng/ul	98
16) Acetophenone	8.605	105	543397	20.47	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	263880	20.84	ng/ul	96
18) 4-Methylphenol	8.552	108	348224	20.22	ng/ul	100
19) Hexachloroethane	8.869	117	153761	20.62	ng/ul	99
22) Nitrobenzene	8.981	77	392102	20.37	ng/ul	98
23) Isophorone	9.510	82	700660	19.88	ng/ul	98
25) 2-Nitrophenol	9.699	139	186111	19.96	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	383107	20.29	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	472769	20.58	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	327437	20.43	ng/ul	97
30) Naphthalene	10.640	128	1166204	20.04	ng/ul	99
32) 4-Chloroaniline	10.746	127	442903	19.35	ng/ul	100
33) Hexachlorobutadiene	10.934	225	211694	20.09	ng/ul	99
34) Caprolactam	11.522	113	91958m	18.60	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	322509	19.95	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	813248	20.35	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
 Data File : BN038099.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020385

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 17:58:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 17 15:05:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	799694	20.79	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	388789	20.22	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	258364	18.54	ng/ul	100
41) 2,4,6-Trichlorophenol	12.869	196	232600	19.53	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	268139	20.17	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	1023294	20.38	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	800017	20.73	ng/ul	98
45) 2-Nitroaniline	13.516	65	200095	20.32	ng/ul	96
47) Dimethylphthalate	13.898	163	932538	20.32	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	173045	20.41	ng/ul	97
50) Acenaphthylene	14.163	152	1319174	20.82	ng/ul	99
51) 3-Nitroaniline	14.345	138	195590	19.63	ng/ul	98
52) Acenaphthene	14.510	153	845149	20.51	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	77106	15.00	ng/ul	94
55) 4-Nitrophenol	14.645	109	131403	19.27	ng/ul	99
56) Dibenzofuran	14.845	168	1170386	20.63	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	253039	20.30	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	212799	20.31	ng/ul	97
59) Diethylphthalate	15.275	149	925428	20.41	ng/ul	99
61) Fluorene	15.498	166	950874	20.74	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.492	204	455271	20.56	ng/ul	98
63) 4-Nitroaniline	15.504	138	204099	21.26	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	129726	16.89	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	789442	20.83	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	277785	20.65	ng/ul	94
69) Hexachlorobenzene	16.504	284	348340	20.84	ng/ul	99
70) Atrazine	16.657	200	252229	19.48	ng/ul	98
71) Pentachlorophenol	16.845	266	186836	18.09	ng/ul	95
72) Phenanthrene	17.239	178	1400844	20.42	ng/ul	100
74) Anthracene	17.328	178	1420389	20.50	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	377975	20.32	ng/uL	95
76) Pentachlorobenzene	14.769	250	381708	19.58	ng/uL	92
77) Carbazole	17.598	167	1240896	20.23	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1483476	20.54	ng/ul	99
80) Fluoranthene	19.257	202	1468478	20.23	ng/ul	97
82) Pyrene	19.622	202	1585432	20.80	ng/ul	99
83) Butylbenzylphthalate	20.522	149	593233	20.16	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	439460	22.49	ng/ul	98
85) Benzo(a)anthracene	21.433	228	1512152	20.66	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.363	149	907597	20.44	ng/ul	99
87) Chrysene	21.492	228	1389084	20.02	ng/ul	93
89) Di-n-octyl phthalate	22.521	149	1348505	17.70	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	1444711	20.29	ng/ul	99
91) Benzo(k)fluoranthene	23.604	252	1450866	20.01	ng/ul	97
93) Benzo(a)pyrene	24.363	252	1360918	20.54	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.951	276	1715887	20.16	ng/ul	98
95) Dibenzo(a,h)anthracene	28.015	278	1465971	20.95	ng/ul	100
96) Benzo(g,h,i)perylene	29.033	276	1409368m	20.74	ng/ul	

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

