

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
 Data File : BN037724.D
 Acq On : 16 Sep 2025 09:32
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020381

Quant Time: Sep 16 11:04:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 15:43:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	248029	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	957485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	552241	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1002277	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1066828	20.000	ng/u1	0.00
88) Perylene-d12	24.580	264	1203178	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	48936	8.357	ng/uL	0.00
4) Pyridine-d5	3.675	84	336272	20.652	ng/u1	0.00
7) Phenol-d5	6.987	99	381915	20.639	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	233669	20.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	324145	21.226	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	301378	20.689	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	152097	21.064	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	125504	21.244	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	286023	21.202	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	427830	20.907	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	771310	20.918	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	971402	21.083	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	144560	20.920	ng/u1	0.00
60) Fluorene-d10	15.487	176	700018	21.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	79444	17.581	ng/u1	0.00
73) Anthracene-d10	17.339	188	1049053	21.052	ng/u1	0.00
81) Pyrene-d10	19.628	212	1144510	20.523	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.363	264	1277538	21.030	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	51896	8.325	ng/uL	95
5) Pyridine	3.693	79	355549	21.132	ng/u1	98
6) Benzaldehyde	6.964	77	229201	26.438	ng/u1	95
8) Phenol	7.011	94	401527	20.850	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.252	93	317537	20.680	ng/u1	98
12) 2-Chlorophenol	7.393	128	334577	20.949	ng/u1	98
13) 2-Methylphenol	8.275	108	292552	20.604	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	424350	20.063	ng/u1	99
16) Acetophenone	8.658	105	487386	21.004	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.646	70	219713	20.776	ng/u1	98
18) 4-Methylphenol	8.599	108	317770	20.745	ng/u1	99
19) Hexachloroethane	8.928	117	143036	21.034	ng/u1	98
22) Nitrobenzene	9.034	77	340239	20.592	ng/u1	98
23) Isophorone	9.563	82	597127	20.828	ng/u1	99
25) 2-Nitrophenol	9.752	139	150063	21.535	ng/u1	98
26) 2,4-Dimethylphenol	9.810	107	329437	20.719	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.052	93	396945	20.773	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	289989	21.065	ng/u1	98
30) Naphthalene	10.693	128	1065732	20.839	ng/u1	99
32) 4-Chloroaniline	10.793	127	425161	20.777	ng/u1	99
33) Hexachlorobutadiene	10.993	225	198316	20.659	ng/u1	99
34) Caprolactam	11.546	113	83240m	20.410	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	278301	21.466	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	718137	21.354	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	693453	20.852	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	350596	20.353	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	212070	19.204	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	196758	21.115	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	227776	21.066	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	879809	20.687	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	693685	20.719	ng/ul	100
45) 2-Nitroaniline	13.557	65	161507	21.181	ng/ul	99
47) Dimethylphthalate	13.946	163	773275	20.972	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	144951	21.988	ng/ul	98
50) Acenaphthylene	14.210	152	1123878	21.019	ng/ul	99
51) 3-Nitroaniline	14.381	138	162516	23.002	ng/ul	95
52) Acenaphthene	14.557	153	722510	20.765	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	48604	17.445	ng/ul	92
55) 4-Nitrophenol	14.681	109	111999	21.282	ng/ul	97
56) Dibenzofuran	14.893	168	993935	20.938	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	210968	22.351	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	168133	22.234	ng/ul	99
59) Diethylphthalate	15.322	149	735985	21.008	ng/ul	99
61) Fluorene	15.540	166	798279	20.749	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.540	204	382826	20.681	ng/ul	96
63) 4-Nitroaniline	15.545	138	163950	24.664	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	91251	18.078	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	670177	20.847	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	232841	20.657	ng/ul#	83
69) Hexachlorobenzene	16.551	284	284410	20.615	ng/ul	99
70) Atrazine	16.704	200	215951	19.991	ng/ul	98
71) Pentachlorophenol	16.892	266	147263	19.445	ng/ul	94
72) Phenanthrene	17.281	178	1214464	20.911	ng/ul	99
74) Anthracene	17.375	178	1241794	21.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	350859	19.676	ng/ul	96
76) Pentachlorobenzene	14.816	250	342884	20.074	ng/ul	97
77) Carbazole	17.639	167	1118807	21.446	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1153886	21.796	ng/ul	100
80) Fluoranthene	19.298	202	1344385	20.659	ng/ul	98
82) Pyrene	19.657	202	1427580	20.626	ng/ul	98
83) Butylbenzylphthalate	20.563	149	424096	21.703	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	432921	21.011	ng/ul	95
85) Benzo(a)anthracene	21.475	228	1456326	21.285	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	678610	23.038	ng/ul	99
87) Chrysene	21.533	228	1371805	20.969	ng/ul	97
89) Di-n-octyl phthalate	22.586	149	1115180	19.679	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	1461083	20.570	ng/ul	100
91) Benzo(k)fluoranthene	23.669	252	1517039	21.167	ng/ul	100
93) Benzo(a)pyrene	24.433	252	1436220	21.095	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.068	276	1899608	21.323	ng/ul	99
95) Dibenzo(a,h)anthracene	28.133	278	1575393	21.395	ng/ul	99
96) Benzo(g,h,i)perylene	29.156	276	1534327	21.019	ng/ul	97

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

