

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100425\
 Data File : BN037998.D
 Acq On : 03 Oct 2025 15:27
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020383

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/06/2025
 Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 16:33:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 03 16:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	273492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	1249714	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	826560	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1582357	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1299045	20.000	ng/u1	0.00
88) Perylene-d12	24.533	264	1049595	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	41160	6.375	ng/uL	0.00
4) Pyridine-d5	3.658	84	307787	17.142	ng/u1	0.00
7) Phenol-d5	6.958	99	377345	18.493	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	243157	19.327	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	315965	18.764	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	343303	21.373	ng/u1	0.00
21) Nitrobenzene-d5	8.958	128	165645	17.576	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	156292	20.269	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	320508	18.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	505436	18.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	1068503	19.361	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1228881	17.819	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	197872	19.131	ng/u1	0.00
60) Fluorene-d10	15.457	176	930732	18.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	135072	18.934	ng/u1	0.00
73) Anthracene-d10	17.310	188	1385330	17.609	ng/u1	0.00
81) Pyrene-d10	19.604	212	1394273	20.533	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	930762	17.564	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	45041	6.552	ng/uL	95
5) Pyridine	3.675	79	321651	17.338	ng/u1	98
6) Benzaldehyde	6.934	77	223853	23.417	ng/u1	98
8) Phenol	6.987	94	398945	18.787	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	326728	19.297	ng/u1	97
12) 2-Chlorophenol	7.364	128	332380	18.874	ng/u1	99
13) 2-Methylphenol	8.240	108	312124	19.936	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.328	45	476872	20.447	ng/u1	99
16) Acetophenone	8.622	105	564765	22.073	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.611	70	278063	23.846	ng/u1	98
18) 4-Methylphenol	8.569	108	357535	21.167	ng/u1	96
19) Hexachloroethane	8.887	117	137416	18.326	ng/u1	96
22) Nitrobenzene	8.999	77	385953	17.897	ng/u1	100
23) Isophorone	9.534	82	736485	19.682	ng/u1	99
25) 2-Nitrophenol	9.716	139	187734	20.641	ng/u1	99
26) 2,4-Dimethylphenol	9.781	107	388737	18.732	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.016	93	477337	19.139	ng/u1	100
29) 2,4-Dichlorophenol	10.252	162	323572	18.008	ng/u1	95
30) Naphthalene	10.657	128	1183370	17.729	ng/u1	99
32) 4-Chloroaniline	10.763	127	510642	19.119	ng/u1	98
33) Hexachlorobutadiene	10.952	225	205478	16.400	ng/u1	99
34) Caprolactam	11.534	113	104685m	19.666	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	350408	20.708	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	851665	19.403	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	844535	19.456	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.646	216	404170	15.676	ng/ul	95
40) Hexachlorocyclopentadiene	12.634	237	264976	16.032	ng/ul	93
41) 2,4,6-Trichlorophenol	12.887	196	247286	17.730	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	287391	17.759	ng/ul	98
43) 1,1'-Biphenyl	13.293	154	1104840	17.357	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	850498	16.972	ng/ul	98
45) 2-Nitroaniline	13.534	65	221955	19.448	ng/ul	98
47) Dimethylphthalate	13.916	163	1048672	19.002	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	196806	19.946	ng/ul	96
50) Acenaphthylene	14.181	152	1428003	17.843	ng/ul	98
51) 3-Nitroaniline	14.357	138	206360	19.514	ng/ul	100
52) Acenaphthene	14.528	153	924470	17.752	ng/ul	96
53) 2,4-Dinitrophenol	14.563	184	78326	18.782	ng/ul	92
55) 4-Nitrophenol	14.663	109	150875	19.155	ng/ul	95
56) Dibenzofuran	14.863	168	1282153	18.045	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	295923	20.946	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.087	232	235128	20.774	ng/ul	100
59) Diethylphthalate	15.287	149	1045991	19.948	ng/ul	99
61) Fluorene	15.510	166	1075544	18.678	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	519454	18.748	ng/ul	97
63) 4-Nitroaniline	15.522	138	209340	21.041	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.587	198	152197	19.098	ng/ul	99
67) N-Nitrosodiphenylamine	15.722	169	907240	17.876	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	324561	18.238	ng/ul	97
69) Hexachlorobenzene	16.516	284	391224	17.962	ng/ul	93
70) Atrazine	16.675	200	294582	17.273	ng/ul	99
71) Pentachlorophenol	16.863	266	208871	17.469	ng/ul	98
72) Phenanthrene	17.251	178	1625548	17.728	ng/ul	100
74) Anthracene	17.345	178	1631370	17.547	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	413962	14.704	ng/ul	95
76) Pentachlorobenzene	14.787	250	443749	16.455	ng/ul	95
77) Carbazole	17.610	167	1402149	17.024	ng/ul	97
78) Di-n-butylphthalate	18.186	149	1600535	19.150	ng/ul	100
80) Fluoranthene	19.269	202	1672537	21.107	ng/ul	100
82) Pyrene	19.633	202	1734647	20.582	ng/ul	99
83) Butylbenzylphthalate	20.533	149	540243	22.705	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.369	252	400735	15.972	ng/ul	95
85) Benzo(a)anthracene	21.439	228	1468261	17.623	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	693824	19.344	ng/ul	98
87) Chrysene	21.504	228	1393511	17.493	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	828063	16.750	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1211135	19.546	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	1191461	19.056	ng/ul	99
93) Benzo(a)pyrene	24.380	252	1056380	17.786	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.986	276	1197370	15.407	ng/ul	99
95) Dibenzo(a,h)anthracene	28.045	278	1017236	15.836	ng/ul	97
96) Benzo(g,h,i)perylene	29.057	276	968015	15.201	ng/ul	98

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

