

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062025\
 Data File : BN037342.D
 Acq On : 19 Jun 2025 12:19
 Operator : RC/JU
 Sample : SSTD02031
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020226

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/23/2025
 Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 19 14:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:36:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	69812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	219058	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	169195	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.969	188	406161	20.000	ng/u1	0.00
79) Chrysene-d12	21.204	240	433116	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	472524	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	11479	6.941	ng/uL	0.00
4) Pyridine-d5	3.470	84	71298	14.346	ng/u1	0.00
7) Phenol-d5	6.740	99	78987	13.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	48780	11.946	ng/u1	0.00
11) 2-Chlorophenol-d4	7.099	132	71954	16.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	63947	13.718	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	33548	20.063	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	39627	21.643	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	86693	24.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.487	131	86890	18.177	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	252683	20.776	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	284979	20.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	36610	15.952	ng/u1	0.00
60) Fluorene-d10	15.216	176	235189	22.484	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	51269	19.300	ng/u1	0.00
73) Anthracene-d10	17.069	188	394453	19.953	ng/u1	0.00
81) Pyrene-d10	19.369	212	495336	21.198	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.857	264	512907	21.510	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	12642	6.873	ng/uL	100
5) Pyridine	3.487	79	73304	14.141	ng/u1	100
6) Benzaldehyde	6.711	77	56218	19.322	ng/u1	100
8) Phenol	6.769	94	79954	13.169	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.999	93	63496	13.264	ng/u1	100
12) 2-Chlorophenol	7.128	128	72007	15.916	ng/u1	100
13) 2-Methylphenol	8.011	108	60120	13.724	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.087	45	53934	6.075	ng/u1	100
16) Acetophenone	8.387	105	106864	13.969	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.375	70	50612	11.812	ng/u1	100
18) 4-Methylphenol	8.340	108	64570	13.221	ng/u1	100
19) Hexachloroethane	8.628	117	38077	17.365	ng/u1	100
22) Nitrobenzene	8.758	77	91956	18.027	ng/u1	100
23) Isophorone	9.281	82	139275	16.452	ng/u1	100
25) 2-Nitrophenol	9.463	139	41580	21.035	ng/u1	100
26) 2,4-Dimethylphenol	9.534	107	81811	19.493	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.769	93	84567	16.950	ng/u1	100
29) 2,4-Dichlorophenol	9.993	162	85504	24.439	ng/u1	100
30) Naphthalene	10.393	128	226842	19.620	ng/u1	100
32) 4-Chloroaniline	10.510	127	85511	18.562	ng/u1	100
33) Hexachlorobutadiene	10.681	225	88411	33.625	ng/u1	100
34) Caprolactam	11.269	113	16785m	15.548	ng/u1	100
35) 4-Chloro-3-methylphenol	11.640	107	69306	17.711	ng/u1	100
36) 2-Methylnaphthalene	12.016	142	173514	21.352	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062025\
 Data File : BN037342.D
 Acq On : 19 Jun 2025 12:19
 Operator : RC/JU
 Sample : SSTD02031
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020226

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/23/2025
 Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 19 14:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 19 14:36:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	169202	20.904	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.393	216	138630	26.716	ng/ul	100
40) Hexachlorocyclopentadiene	12.369	237	105116	32.313	ng/ul	100
41) 2,4,6-Trichlorophenol	12.640	196	80014	24.735	ng/ul	100
42) 2,4,5-Trichlorophenol	12.710	196	89420	25.151	ng/ul	100
43) 1,1'-Biphenyl	13.046	154	250532	20.563	ng/ul	100
44) 2-Chloronaphthalene	13.081	162	203967	21.217	ng/ul	100
45) 2-Nitroaniline	13.293	65	46523	12.799	ng/ul	100
47) Dimethylphthalate	13.687	163	252630	20.832	ng/ul	100
48) 2,6-Dinitrotoluene	13.804	165	50308	21.267	ng/ul	100
50) Acenaphthylene	13.934	152	301497	20.868	ng/ul	100
51) 3-Nitroaniline	14.128	138	37571	16.055	ng/ul	100
52) Acenaphthene	14.281	153	206317	19.498	ng/ul	100
53) 2,4-Dinitrophenol	14.340	184	30833	19.296	ng/ul	100
55) 4-Nitrophenol	14.445	109	41864	16.682	ng/ul	100
56) Dibenzofuran	14.622	168	316088	21.343	ng/ul	100
57) 2,4-Dinitrotoluene	14.593	165	74976	20.989	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.851	232	76373	25.499	ng/ul	100
59) Diethylphthalate	15.057	149	242911	19.220	ng/ul	100
61) Fluorene	15.275	166	259702	21.360	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	154519	25.470	ng/ul	100
63) 4-Nitroaniline	15.298	138	38134	17.438	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.357	198	53819	18.889	ng/ul	100
67) N-Nitrosodiphenylamine	15.487	169	217609	18.176	ng/ul	100
68) 4-Bromophenyl-phenylether	16.169	248	96087	23.770	ng/ul	100
69) Hexachlorobenzene	16.275	284	110057	24.660	ng/ul	100
70) Atrazine	16.445	200	99673	21.499	ng/ul	100
71) Pentachlorophenol	16.622	266	70854	22.707	ng/ul	100
72) Phenanthrene	17.010	178	441868	19.560	ng/ul	100
74) Anthracene	17.098	178	449704	19.509	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	142921	23.473	ng/uL	100
76) Pentachlorobenzene	14.540	250	132012	23.915	ng/uL	100
77) Carbazole	17.375	167	363676	17.757	ng/ul	100
78) Di-n-butylphthalate	17.951	149	419762	16.458	ng/ul	100
80) Fluoranthene	19.033	202	557181	20.141	ng/ul	100
82) Pyrene	19.398	202	600907	20.225	ng/ul	100
83) Butylbenzylphthalate	20.316	149	184834	15.519	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.116	252	179043	22.378	ng/ul	100
85) Benzo(a)anthracene	21.186	228	611019	21.147	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.128	149	275821	15.425	ng/ul	100
87) Chrysene	21.245	228	572292	20.944	ng/ul	100
89) Di-n-octyl phthalate	22.210	149	435406	11.943	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	597538	20.336	ng/ul	100
91) Benzo(k)fluoranthene	23.210	252	611961	20.703	ng/ul	100
93) Benzo(a)pyrene	23.916	252	574729	21.426	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.227	276	781371	25.750	ng/ul	100
95) Dibenzo(a,h)anthracene	27.292	278	626253	25.460	ng/ul	100
96) Benzo(g,h,i)perylene	28.227	276	652331	27.632	ng/ul	100

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

