

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091525\
 Data File : BN037715.D
 Acq On : 15 Sep 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020379

Quant Time: Sep 15 11:14:32 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	271515	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	1070206	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	611027	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1058824	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	977645	20.000	ng/u1	0.00
88) Perylene-d12	24.580	264	1057300	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	54570	8.513	ng/uL	0.00
4) Pyridine-d5	3.670	84	374500	21.010	ng/u1	0.00
7) Phenol-d5	6.987	99	430743	21.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	270861	21.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	370854	22.184	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	342568	21.483	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	172916	21.425	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	152459	23.088	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	331723	22.000	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	480997	21.030	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	899357	22.044	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	1112935	21.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	147865	19.339	ng/u1	0.00
60) Fluorene-d10	15.487	176	790977	21.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	88896	18.622	ng/u1	0.00
73) Anthracene-d10	17.339	188	1114738	21.175	ng/u1	0.00
81) Pyrene-d10	19.628	212	1169088	22.876	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.369	264	1159860	21.727	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	58673	8.598	ng/uL	99
5) Pyridine	3.693	79	387364	21.032	ng/u1	98
6) Benzaldehyde	6.964	77	261188	27.521	ng/u1	96
8) Phenol	7.011	94	443869	21.055	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.252	93	367706	21.875	ng/u1	97
12) 2-Chlorophenol	7.399	128	383777	21.951	ng/u1	97
13) 2-Methylphenol	8.275	108	333066	21.428	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	501754	21.671	ng/u1	98
16) Acetophenone	8.658	105	565225	22.252	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.646	70	261661	22.602	ng/u1	98
18) 4-Methylphenol	8.599	108	357428	21.315	ng/u1	98
19) Hexachloroethane	8.928	117	160501	21.561	ng/u1	92
22) Nitrobenzene	9.034	77	390532	21.146	ng/u1	99
23) Isophorone	9.563	82	709630	22.145	ng/u1	99
25) 2-Nitrophenol	9.752	139	178097	22.866	ng/u1	100
26) 2,4-Dimethylphenol	9.810	107	385057	21.667	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.052	93	473176	22.155	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	330803	21.498	ng/u1	99
30) Naphthalene	10.693	128	1211900	21.201	ng/u1	100
32) 4-Chloroaniline	10.793	127	475004	20.768	ng/u1	97
33) Hexachlorobutadiene	10.993	225	238355	22.215	ng/u1	97
34) Caprolactam	11.546	113	87548	19.206	ng/u1	95
35) 4-Chloro-3-methylphenol	11.922	107	321246	22.169	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	827501	22.014	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	812425	21.856	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.681	216	401978	21.091	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	255837	20.939	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	234554	22.749	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	262599	21.950	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	1026613	21.817	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	792773	21.401	ng/ul	99
45) 2-Nitroaniline	13.557	65	178358	21.141	ng/ul	98
47) Dimethylphthalate	13.951	163	894955	21.937	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	164107	22.499	ng/ul	96
50) Acenaphthylene	14.216	152	1286085	21.738	ng/ul	99
51) 3-Nitroaniline	14.387	138	172255	22.035	ng/ul	91
52) Acenaphthene	14.557	153	826309	21.464	ng/ul	97
53) 2,4-Dinitrophenol	14.593	184	53975	17.509	ng/ul	93
55) 4-Nitrophenol	14.687	109	113012	19.409	ng/ul	98
56) Dibenzofuran	14.893	168	1122699	21.375	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	234438	22.448	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	190170	22.728	ng/ul	98
59) Diethylphthalate	15.322	149	849773	21.923	ng/ul	98
61) Fluorene	15.545	166	918276	21.572	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	447002	21.824	ng/ul	97
63) 4-Nitroaniline	15.545	138	163994	22.297	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	100596	18.865	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	741170	21.824	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	275142	23.106	ng/ul	94
69) Hexachlorobenzene	16.551	284	319901	21.950	ng/ul	97
70) Atrazine	16.704	200	235780	20.661	ng/ul	98
71) Pentachlorophenol	16.887	266	163960	20.493	ng/ul	95
72) Phenanthrene	17.281	178	1283579	20.921	ng/ul	99
74) Anthracene	17.375	178	1318677	21.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	429312	22.790	ng/ul	95
76) Pentachlorobenzene	14.816	250	401704	22.262	ng/ul	99
77) Carbazole	17.639	167	1126868	20.447	ng/ul	97
78) Di-n-butylphthalate	18.222	149	1287346	23.019	ng/ul	100
80) Fluoranthene	19.298	202	1363330	22.861	ng/ul	99
82) Pyrene	19.657	202	1429646	22.540	ng/ul	98
83) Butylbenzylphthalate	20.563	149	430863	24.061	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	411882	21.814	ng/ul	99
85) Benzo(a)anthracene	21.475	228	1366042	21.787	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	677450	25.096	ng/ul	99
87) Chrysene	21.533	228	1284901	21.432	ng/ul	99
89) Di-n-octyl phthalate	22.592	149	1081116	21.710	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	1361228	21.809	ng/ul	100
91) Benzo(k)fluoranthene	23.669	252	1360362	21.599	ng/ul	99
93) Benzo(a)pyrene	24.427	252	1300234	21.733	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.074	276	1691662	21.609	ng/ul	100
95) Dibenzo(a,h)anthracene	28.133	278	1387629	21.445	ng/ul	98
96) Benzo(g,h,i)perylene	29.151	276	1344201	20.955	ng/ul	100

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

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