

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091525\
 Data File : BN037722.D
 Acq On : 15 Sep 2025 15:59
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020380

Quant Time: Sep 15 17:34:10 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	7.846	152	226310	20.000	ng/u1	0.01
20) Naphthalene-d8	10.657	136	884039	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.504	164	508642	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.245	188	927207	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	939628	20.000	ng/u1	0.00
88) Perylene-d12	24.586	264	1050957	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	48271	9.035	ng/uL	0.00
4) Pyridine-d5	3.675	84	322246	21.690	ng/u1	0.00
7) Phenol-d5	6.999	99	364577	21.592	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	223663	21.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	310814	22.306	ng/u1	0.01
15) 4-Methylphenol-d8	8.552	113	283305	21.315	ng/u1	0.01
21) Nitrobenzene-d5	9.005	128	143017	21.452	ng/u1	0.01
24) 2-Nitrophenol-d4	9.728	143	118150	21.660	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.269	165	272818	21.903	ng/u1	0.01
31) 4-Chloroaniline-d4	10.781	131	399366	21.138	ng/u1	0.01
46) Dimethylphthalate-d6	13.910	166	722134	21.263	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	924307	21.780	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	132562	20.828	ng/u1	0.00
60) Fluorene-d10	15.492	176	652851	21.493	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	70904	16.962	ng/u1	0.00
73) Anthracene-d10	17.345	188	990400	21.484	ng/u1	0.00
81) Pyrene-d10	19.633	212	1069023	21.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	1139575	21.476	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	49661	8.731	ng/uL	96
5) Pyridine	3.699	79	335154	21.832	ng/u1	96
6) Benzaldehyde	6.975	77	219431	27.740	ng/u1	95
8) Phenol	7.028	94	380546	21.657	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.263	93	305635	21.815	ng/u1	98
12) 2-Chlorophenol	7.405	128	321820	22.084	ng/u1	98
13) 2-Methylphenol	8.281	108	275140	21.237	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.375	45	402826	20.873	ng/u1	99
16) Acetophenone	8.669	105	467781	22.094	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.658	70	211609	21.930	ng/u1	98
18) 4-Methylphenol	8.610	108	296652	21.225	ng/u1	98
19) Hexachloroethane	8.940	117	135759	21.880	ng/u1	97
22) Nitrobenzene	9.046	77	325111	21.311	ng/u1	100
23) Isophorone	9.575	82	567079	21.424	ng/u1	99
25) 2-Nitrophenol	9.763	139	143069	22.237	ng/u1	99
26) 2,4-Dimethylphenol	9.822	107	315047	21.461	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.063	93	377579	21.401	ng/u1	98
29) 2,4-Dichlorophenol	10.293	162	276510	21.754	ng/u1	98
30) Naphthalene	10.704	128	1019044	21.582	ng/u1	99
32) 4-Chloroaniline	10.804	127	399334	21.137	ng/u1	99
33) Hexachlorobutadiene	11.004	225	188104	21.224	ng/u1	92
34) Caprolactam	11.557	113	73304	19.467	ng/u1	98
35) 4-Chloro-3-methylphenol	11.934	107	261040	21.808	ng/u1	97
36) 2-Methylnaphthalene	12.322	142	675373	21.751	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	666525	21.707	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	339293	21.385	ng/ul	94
40) Hexachlorocyclopentadiene	12.681	237	197312	19.399	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	190358	22.179	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	211680	21.256	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	837914	21.391	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	660554	21.421	ng/ul	99
45) 2-Nitroaniline	13.569	65	150022	21.361	ng/ul	99
47) Dimethylphthalate	13.957	163	734298	21.622	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	134199	22.102	ng/ul	92
50) Acenaphthylene	14.222	152	1047743	21.274	ng/ul	98
51) 3-Nitroaniline	14.393	138	146968	22.584	ng/ul	95
52) Acenaphthene	14.563	153	686263	21.414	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	43962	17.131	ng/ul	94
55) 4-Nitrophenol	14.693	109	101300	20.899	ng/ul	93
56) Dibenzofuran	14.898	168	942323	21.552	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	198540	22.837	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.122	232	155150	22.275	ng/ul	94
59) Diethylphthalate	15.328	149	697445	21.615	ng/ul	99
61) Fluorene	15.551	166	770584	21.746	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	363232	21.304	ng/ul	95
63) 4-Nitroaniline	15.551	138	150344	24.556	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	80914	17.328	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	624660	21.004	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	228496	21.912	ng/ul	94
69) Hexachlorobenzene	16.557	284	274128	21.479	ng/ul	99
70) Atrazine	16.710	200	199605	19.974	ng/ul	97
71) Pentachlorophenol	16.892	266	132597	18.926	ng/ul	96
72) Phenanthrene	17.286	178	1126624	20.969	ng/ul	100
74) Anthracene	17.381	178	1170298	21.482	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	332008	20.126	ng/uL	99
76) Pentachlorobenzene	14.822	250	329136	20.829	ng/uL	97
77) Carbazole	17.645	167	1026102	21.261	ng/ul	98
78) Di-n-butylphthalate	18.228	149	1052408	21.489	ng/ul	100
80) Fluoranthene	19.304	202	1230726	21.472	ng/ul	98
82) Pyrene	19.663	202	1313463	21.546	ng/ul	99
83) Butylbenzylphthalate	20.569	149	370467	21.525	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	381100	21.000	ng/ul	97
85) Benzo(a)anthracene	21.480	228	1335134	22.155	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	574033	22.126	ng/ul	98
87) Chrysene	21.539	228	1250046	21.694	ng/ul	98
89) Di-n-octyl phthalate	22.598	149	858041	17.334	ng/ul	100
90) Benzo(b)fluoranthene	23.610	252	1316656	21.222	ng/ul	99
91) Benzo(k)fluoranthene	23.674	252	1378147	22.014	ng/ul	99
93) Benzo(a)pyrene	24.439	252	1298556	21.836	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.080	276	1668698	21.444	ng/ul	96
95) Dibenzo(a,h)anthracene	28.151	278	1367865	21.267	ng/ul	98
96) Benzo(g,h,i)perylene	29.168	276	1343129	21.065	ng/ul	99

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

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