

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
 Data File : BN037726.D
 Acq On : 16 Sep 2025 10:52
 Operator : RC/JU
 Sample : Q2899-02
 Misc : MDL-WATER 4 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2025-06

Quant Time: Sep 16 11:23:27 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	218004	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	823794	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	449760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	808984	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	831372	20.000	ng/u1	0.00
88) Perylene-d12	24.574	264	909939	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	20974	4.075	ng/uL	0.00
4) Pyridine-d5	3.670	84	215940	15.088	ng/u1	0.00
7) Phenol-d5	6.987	99	223263	13.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	143673	14.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	194665	14.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	176777	13.807	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	87385	14.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	67070	13.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	157775	13.593	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	251328	14.275	ng/u1	0.00
46) Dimethylphthalate-d6	13.899	166	435439	14.500	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	553543	14.751	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	64773	11.509	ng/u1	0.00
60) Fluorene-d10	15.487	176	399341	14.868	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	30934	8.481	ng/u1	0.00
73) Anthracene-d10	17.340	188	582921	14.493	ng/u1	0.00
81) Pyrene-d10	19.628	212	611784	14.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.363	264	659398	14.353	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	9014	1.645	ng/uL	94
5) Pyridine	3.693	79	65158	4.406	ng/u1	97
6) Benzaldehyde	6.964	77	46457	6.097	ng/u1	97
8) Phenol	7.011	94	72477	4.282	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.252	93	59240	4.389	ng/u1	98
12) 2-Chlorophenol	7.393	128	61287	4.366	ng/u1	94
13) 2-Methylphenol	8.269	108	48876	3.916	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.364	45	79069	4.253	ng/u1	98
16) Acetophenone	8.652	105	88822	4.355	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.640	70	37658	4.051	ng/u1	98
18) 4-Methylphenol	8.599	108	55529	4.124	ng/u1	97
19) Hexachloroethane	8.922	117	26227	4.388	ng/u1	99
22) Nitrobenzene	9.028	77	62259	4.380	ng/u1	96
23) Isophorone	9.563	82	95900	3.888	ng/u1	96
25) 2-Nitrophenol	9.746	139	24288	4.051	ng/u1	98
26) 2,4-Dimethylphenol	9.810	107	50600	3.699	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.052	93	69046	4.200	ng/u1	98
29) 2,4-Dichlorophenol	10.281	162	51483	4.347	ng/u1	98
30) Naphthalene	10.693	128	199218	4.528	ng/u1	98
32) 4-Chloroaniline	10.793	127	76213	4.329	ng/u1	100
33) Hexachlorobutadiene	10.993	225	37131	4.496	ng/u1	96
34) Caprolactam	11.552	113	14429m	4.112	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	42284	3.791	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	123333	4.263	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	122154	4.269	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.681	216	64215	4.577	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	39129	4.351	ng/ul	96
41) 2,4,6-Trichlorophenol	12.916	196	26634	3.509	ng/ul	93
42) 2,4,5-Trichlorophenol	12.981	196	32538	3.695	ng/ul	92
43) 1,1'-Biphenyl	13.328	154	154714	4.467	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	122898	4.507	ng/ul	98
45) 2-Nitroaniline	13.557	65	21154	3.406	ng/ul	96
47) Dimethylphthalate	13.946	163	133281	4.438	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	17956	3.344	ng/ul	95
50) Acenaphthylene	14.210	152	196864	4.521	ng/ul	99
51) 3-Nitroaniline	14.381	138	21888	3.804	ng/ul#	95
52) Acenaphthene	14.557	153	124550	4.395	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	9677	4.265	ng/ul	97
55) 4-Nitrophenol	14.681	109	22042	5.143	ng/ul	93
56) Dibenzofuran	14.893	168	178301	4.612	ng/ul	95
57) 2,4-Dinitrotoluene	14.846	165	26473	3.444	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	22604	3.670	ng/ul	98
59) Diethylphthalate	15.316	149	116904	4.097	ng/ul	99
61) Fluorene	15.540	166	140134	4.472	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	68643	4.553	ng/ul	100
63) 4-Nitroaniline	15.540	138	22226	4.106	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.604	198	11349	2.786	ng/ul#	83
67) N-Nitrosodiphenylamine	15.745	169	108183	4.169	ng/ul	97
68) 4-Bromophenyl-phenylether	16.434	248	39008	4.287	ng/ul	95
69) Hexachlorobenzene	16.545	284	50746	4.557	ng/ul	97
70) Atrazine	16.698	200	37289	4.277	ng/ul	100
71) Pentachlorophenol	16.887	266	20800	3.403	ng/ul	93
72) Phenanthrene	17.281	178	205152	4.376	ng/ul	99
74) Anthracene	17.369	178	202866	4.268	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	61975	4.306	ng/uL	97
76) Pentachlorobenzene	14.816	250	61840	4.485	ng/uL	96
77) Carbazole	17.634	167	170767	4.055	ng/ul	99
78) Di-n-butylphthalate	18.222	149	145998	3.417	ng/ul	99
80) Fluoranthene	19.298	202	204675	4.036	ng/ul	99
82) Pyrene	19.657	202	234888	4.355	ng/ul	98
83) Butylbenzylphthalate	20.563	149	41876	2.750	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.392	252	58169	3.623	ng/ul#	97
85) Benzo(a)anthracene	21.469	228	221637	4.157	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	64614	2.815	ng/ul	99
87) Chrysene	21.533	228	217687	4.270	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	91920	2.145	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	212165	3.950	ng/ul	95
91) Benzo(k)fluoranthene	23.663	252	223716	4.127	ng/ul	98
93) Benzo(a)pyrene	24.427	252	211694	4.111	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.062	276	254824	3.782	ng/ul	98
95) Dibenzo(a,h)anthracene	28.133	278	209859	3.768	ng/ul	97
96) Benzo(g,h,i)perylene	29.139	276	210434	3.812	ng/ul	100

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

