

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
 Data File : BN038096.D
 Acq On : 17 Oct 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV202

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 15:32:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 17 15:05:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	395708	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1735858	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	1088472	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	2043242	20.00	ng/ul	0.00
79) Chrysene-d12	21.451	240	2090455	20.00	ng/ul	0.00
88) Perylene-d12	24.504	264	2324869	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	61909	6.40	ng/uL	0.00
4) Pyridine-d5	3.640	84	468800	18.56	ng/ul	0.00
7) Phenol-d5	6.946	99	595558	18.71	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	420035	20.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	510202	19.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	500417	18.96	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	257928	19.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	267228	19.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	508563	19.38	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	733507	19.61	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1446842	18.44	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1762580	19.07	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	290143	18.90	ng/ul	0.00
60) Fluorene-d10	15.445	176	1229410	18.33	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	223348	17.53	ng/ul	0.00
73) Anthracene-d10	17.298	188	1862893	18.20	ng/ul	0.00
81) Pyrene-d10	19.592	212	2066607	18.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	2264394	18.45	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	63229	6.30	ng/uL	98
5) Pyridine	3.658	79	472788	17.15	ng/ul	99
6) Benzaldehyde	6.916	77	369777	22.16	ng/ul	99
8) Phenol	6.969	94	626240	18.82	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	509640	18.56	ng/ul	100
12) 2-Chlorophenol	7.346	128	531476	19.13	ng/ul	98
13) 2-Methylphenol	8.228	108	487198	19.14	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.310	45	724072	18.44	ng/ul	99
16) Acetophenone	8.604	105	843411	19.74	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	413654	20.29	ng/ul	95
18) 4-Methylphenol	8.557	108	531393	19.17	ng/ul	100
19) Hexachloroethane	8.869	117	222320	18.53	ng/ul	99
22) Nitrobenzene	8.981	77	593206	18.44	ng/ul	99
23) Isophorone	9.516	82	1137034	19.31	ng/ul	99
25) 2-Nitrophenol	9.698	139	305898	19.63	ng/ul	98
26) 2,4-Dimethylphenol	9.763	107	563156	17.85	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.998	93	711680	18.54	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	512470	19.13	ng/ul	99
30) Naphthalene	10.640	128	1763542	18.13	ng/ul	99
32) 4-Chloroaniline	10.746	127	768898	20.10	ng/ul	99
33) Hexachlorobutadiene	10.934	225	311788	17.70	ng/ul	96
34) Caprolactam	11.522	113	166532m	20.16	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	541917	20.06	ng/ul	97
36) 2-Methylnaphthalene	12.257	142	1129553	16.92	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	1177803	18.33	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.634	216	618281	18.63	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	402830	16.74	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	404290	19.66	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	436900	19.04	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	1622417	18.72	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1238103	18.59	ng/ul	98
45) 2-Nitroaniline	13.516	65	344073	20.24	ng/ul	96
47) Dimethylphthalate	13.904	163	1482472	18.72	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	316692	21.64	ng/ul	98
50) Acenaphthylene	14.169	152	2012726	18.40	ng/ul	98
51) 3-Nitroaniline	14.345	138	349984	20.35	ng/ul	96
52) Acenaphthene	14.510	153	1308496	18.40	ng/ul	97
53) 2,4-Dinitrophenol	14.551	184	163325	18.40	ng/ul	91
55) 4-Nitrophenol	14.651	109	224871	19.10	ng/ul	99
56) Dibenzofuran	14.845	168	1790399	18.28	ng/ul	97
57) 2,4-Dinitrotoluene	14.804	165	440747	20.48	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	378507	20.93	ng/ul	99
59) Diethylphthalate	15.275	149	1497499	19.13	ng/ul	97
61) Fluorene	15.498	166	1467457	18.54	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.492	204	705848	18.47	ng/ul	97
63) 4-Nitroaniline	15.510	138	353445	21.33	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	249886	18.10	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	1234183	18.11	ng/ul	95
68) 4-Bromophenyl-phenylether	16.392	248	431521	17.85	ng/ul	96
69) Hexachlorobenzene	16.510	284	538565	17.92	ng/ul	96
70) Atrazine	16.663	200	419164	18.01	ng/ul	96
71) Pentachlorophenol	16.845	266	324218	17.46	ng/ul	94
72) Phenanthrene	17.239	178	2219204	18.00	ng/ul	100
74) Anthracene	17.328	178	2288113	18.37	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	588604	17.61	ng/uL	94
76) Pentachlorobenzene	14.769	250	597453	17.04	ng/uL	97
77) Carbazole	17.598	167	2064471	18.72	ng/ul	98
78) Di-n-butylphthalate	18.175	149	2585066	19.91	ng/ul	100
80) Fluoranthene	19.257	202	2528077	18.40	ng/ul	100
82) Pyrene	19.622	202	2635840	18.27	ng/ul	99
83) Butylbenzylphthalate	20.527	149	1136296	20.40	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.357	252	945965	25.58	ng/ul	93
85) Benzo(a)anthracene	21.427	228	2578718	18.62	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	1756779	20.90	ng/ul	98
87) Chrysene	21.492	228	2478880	18.88	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	2775548	17.39	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	2632576	17.65	ng/ul	97
91) Benzo(k)fluoranthene	23.604	252	2730692	17.98	ng/ul	99
93) Benzo(a)pyrene	24.362	252	2617505	18.86	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.950	276	3320698m	18.63	ng/ul	
95) Dibenzo(a,h)anthracene	28.021	278	2724875	18.59	ng/ul	99
96) Benzo(g,h,i)perylene	29.027	276	2626254	18.45	ng/ul	98

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

