

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091625\
 Data File : BN037732.D
 Acq On : 16 Sep 2025 14:48
 Operator : RC/JU
 Sample : PB169690BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS690

Quant Time: Sep 16 16:02:49 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	7.840	152	171200	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	626755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	353199	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	636770	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	659268	20.000	ng/u1	0.00
88) Perylene-d12	24.574	264	693425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	33145	8.201	ng/uL	0.01
4) Pyridine-d5	3.681	84	473146	42.098	ng/u1	0.00
7) Phenol-d5	6.987	99	502746	39.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	315058	40.004	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	441317	41.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	399552	39.738	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	204239	43.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	173341	44.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	387017	43.827	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	519555	38.787	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1015414	43.057	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	1283757	43.563	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	191516	43.333	ng/u1	0.00
60) Fluorene-d10	15.486	176	914645	43.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	106216	36.998	ng/u1	0.00
73) Anthracene-d10	17.339	188	1370075	43.275	ng/u1	0.00
81) Pyrene-d10	19.627	212	1468228	42.604	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.368	264	1627953	46.499	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	62353	14.491	ng/uL	97
5) Pyridine	3.705	79	426468	36.722	ng/u1	94
6) Benzaldehyde	6.969	77	49845	8.330	ng/u1	94
8) Phenol	7.016	94	488806	36.772	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.258	93	397957	37.548	ng/u1	98
12) 2-Chlorophenol	7.399	128	423076	38.378	ng/u1	98
13) 2-Methylphenol	8.275	108	357365	36.463	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	518502	35.516	ng/u1	99
16) Acetophenone	8.657	105	589427	36.801	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.646	70	270671	37.081	ng/u1	96
18) 4-Methylphenol	8.604	108	386931	36.595	ng/u1	99
19) Hexachloroethane	8.928	117	181115	38.586	ng/u1	98
22) Nitrobenzene	9.034	77	421810	39.000	ng/u1	96
23) Isophorone	9.569	82	715229	38.112	ng/u1	99
25) 2-Nitrophenol	9.751	139	189233	41.485	ng/u1	98
26) 2,4-Dimethylphenol	9.810	107	407181	39.123	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.051	93	485040	38.778	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	353245	39.200	ng/u1	97
30) Naphthalene	10.693	128	1314476	39.266	ng/u1	99
32) 4-Chloroaniline	10.793	127	280951	20.975	ng/u1	97
33) Hexachlorobutadiene	10.993	225	252931	40.253	ng/u1	97
34) Caprolactam	11.551	113	94030	35.222	ng/u1	94
35) 4-Chloro-3-methylphenol	11.922	107	336672	39.672	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	876096	39.798	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	851011	39.092	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	425768	38.646	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	248447	35.177	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	245153	41.133	ng/ul	97
42) 2,4,5-Trichlorophenol	12.987	196	281447	40.699	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	1059483	38.951	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	835788	39.031	ng/ul	98
45) 2-Nitroaniline	13.557	65	194563	39.896	ng/ul	97
47) Dimethylphthalate	13.951	163	942164	39.953	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	173279	41.098	ng/ul	98
50) Acenaphthylene	14.216	152	1360428	39.781	ng/ul	99
51) 3-Nitroaniline	14.387	138	189997	42.046	ng/ul	95
52) Acenaphthene	14.557	153	881281	39.602	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	58506	32.832	ng/ul	98
55) 4-Nitrophenol	14.687	109	135118	40.145	ng/ul	97
56) Dibenzofuran	14.892	168	1191439	39.242	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	262783	43.530	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	213828	44.211	ng/ul	99
59) Diethylphthalate	15.322	149	906406	40.453	ng/ul	98
61) Fluorene	15.545	166	977499	39.725	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.539	204	462848	39.094	ng/ul	96
63) 4-Nitroaniline	15.545	138	220438	51.851	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	112042	34.938	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	812094	39.762	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	290112	40.511	ng/ul	94
69) Hexachlorobenzene	16.551	284	346296	39.509	ng/ul	100
70) Atrazine	16.704	200	255750	37.265	ng/ul	99
71) Pentachlorophenol	16.886	266	184227	38.289	ng/ul	95
72) Phenanthrene	17.281	178	1463612	39.666	ng/ul	98
74) Anthracene	17.375	178	1492446	39.890	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.292	216	414426	36.581	ng/ul	96
76) Pentachlorobenzene	14.816	250	407113	37.515	ng/ul	98
77) Carbazole	17.639	167	1332321	40.197	ng/ul	99
78) Di-n-butylphthalate	18.222	149	1458400	43.362	ng/ul	100
80) Fluoranthene	19.298	202	1605399	39.920	ng/ul	99
82) Pyrene	19.657	202	1697432	39.686	ng/ul	99
83) Butylbenzylphthalate	20.563	149	539050	44.640	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	479575	37.664	ng/ul	95
85) Benzo(a)anthracene	21.469	228	1656640	39.181	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.416	149	833440	45.785	ng/ul	99
87) Chrysene	21.533	228	1583444	39.166	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	1239740	37.959	ng/ul	100
90) Benzo(b)fluoranthene	23.598	252	1695413	41.416	ng/ul	98
91) Benzo(k)fluoranthene	23.668	252	1692754	40.980	ng/ul	97
93) Benzo(a)pyrene	24.433	252	1639290	41.778	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.068	276	2259547	44.009	ng/ul	99
95) Dibenzo(a,h)anthracene	28.139	278	1874585	44.173	ng/ul	98
96) Benzo(g,h,i)perylene	29.150	276	1838111	43.691	ng/ul	99

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

