

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
 Data File : BP025690.D
 Acq On : 08 Sep 2025 20:10
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV645

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Sep 09 09:51:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 09 09:26:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	151460	20.000	ng/u1	0.00
20) Naphthalene-d8	10.531	136	609695	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.378	164	434609	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.178	188	817525	20.000	ng/u1	0.00
79) Chrysene-d12	21.619	240	894619	20.000	ng/u1	0.00
88) Perylene-d12	24.977	264	1017667	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	30740	8.305	ng/uL	0.00
4) Pyridine-d5	3.696	84	224958	20.970	ng/u1	0.00
7) Phenol-d5	6.955	99	240901	19.691	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.102	67	148988	19.917	ng/u1	0.00
11) 2-Chlorophenol-d4	7.308	132	196231	20.592	ng/u1	0.00
15) 4-Methylphenol-d8	8.466	113	196044	19.353	ng/u1	0.00
21) Nitrobenzene-d5	8.907	128	97134	20.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.619	143	111969	21.003	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.166	165	196798	20.485	ng/u1	0.00
31) 4-Chloroaniline-d4	10.666	131	266355	19.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.784	166	671894	20.450	ng/u1	0.00
49) Acenaphthylene-d8	14.072	160	736192	20.405	ng/u1	0.00
54) 4-Nitrophenol-d4	14.607	143	105146	19.293	ng/u1	0.00
60) Fluorene-d10	15.389	176	551314	20.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.519	200	117994	21.198	ng/u1	0.00
73) Anthracene-d10	17.278	188	810821	20.609	ng/u1	-0.01
81) Pyrene-d10	19.654	212	968580	19.782	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.736	264	1063061	20.347	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	33937	8.674	ng/uL	98
5) Pyridine	3.714	79	236698	21.183	ng/u1	95
6) Benzaldehyde	6.919	77	151542	26.893	ng/u1	98
8) Phenol	6.978	94	247905	19.729	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.190	93	200747	20.244	ng/u1	97
12) 2-Chlorophenol	7.343	128	199873	20.545	ng/u1	98
13) 2-Methylphenol	8.207	108	192104	19.941	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.278	45	317022	20.165	ng/u1	99
16) Acetophenone	8.578	105	313501	20.005	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.560	70	167302	20.104	ng/u1	99
18) 4-Methylphenol	8.531	108	205258	19.657	ng/u1	95
19) Hexachloroethane	8.831	117	88850	20.374	ng/u1	98
22) Nitrobenzene	8.949	77	237043	20.880	ng/u1	99
23) Isophorone	9.472	82	467103	20.100	ng/u1	99
25) 2-Nitrophenol	9.654	139	115946	20.906	ng/u1	98
26) 2,4-Dimethylphenol	9.719	107	221600	19.493	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.943	93	276754	20.745	ng/u1	99
29) 2,4-Dichlorophenol	10.190	162	193363	20.700	ng/u1	97
30) Naphthalene	10.578	128	651419	20.433	ng/u1	99
32) 4-Chloroaniline	10.696	127	264033	19.680	ng/u1	99
33) Hexachlorobutadiene	10.866	225	144258	20.751	ng/u1	98
34) Caprolactam	11.472	113	71881m	18.786	ng/u1	
35) 4-Chloro-3-methylphenol	11.825	107	217117	19.759	ng/u1	97
36) 2-Methylnaphthalene	12.184	142	463449	20.353	ng/u1	100

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37) 1-Methylnaphthalene	12.407	142	450783	20.209	ng/ul	97	09/09/2025
39) 1,2,4,5-Tetrachloroben...	12.554	216	256880	19.875	ng/ul	99	Supervised By :Jagrut Upadhyay
40) Hexachlorocyclopentadiene	12.531	237	117698	17.914	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.807	196	163236	19.305	ng/ul	97	
42) 2,4,5-Trichlorophenol	12.884	196	177713	19.181	ng/ul	98	
43) 1,1'-Biphenyl	13.201	154	592894	19.459	ng/ul	99	
44) 2-Chloronaphthalene	13.243	162	471241	19.648	ng/ul	100	09/09/2025
45) 2-Nitroaniline	13.454	65	147527	19.384	ng/ul	94	
47) Dimethylphthalate	13.831	163	653089	20.265	ng/ul	100	
48) 2,6-Dinitrotoluene	13.942	165	131497	20.139	ng/ul	97	
50) Acenaphthylene	14.101	152	829767	20.545	ng/ul	100	
51) 3-Nitroaniline	14.284	138	126298	21.760	ng/ul	99	
52) Acenaphthene	14.448	153	535230	20.622	ng/ul	97	
53) 2,4-Dinitrophenol	14.507	184	70039	17.455	ng/ul	94	
55) 4-Nitrophenol	14.619	109	82767	18.653	ng/ul	98	
56) Dibenzofuran	14.790	168	760103	20.481	ng/ul	96	
57) 2,4-Dinitrotoluene	14.754	165	196601	20.106	ng/ul	90	
58) 2,3,4,6-Tetrachlorophenol	15.019	232	164368	20.229	ng/ul	97	
59) Diethylphthalate	15.219	149	653570	19.723	ng/ul	98	
61) Fluorene	15.442	166	617091	20.358	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.437	204	312407	20.131	ng/ul	97	
63) 4-Nitroaniline	15.472	138	126475	22.099	ng/ul	98	
66) 4,6-Dinitro-2-methylph...	15.531	198	121819	21.609	ng/ul	99	
67) N-Nitrosodiphenylamine	15.654	169	528586	22.359	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.348	248	181436	20.819	ng/ul	97	
69) Hexachlorobenzene	16.466	284	206719	20.691	ng/ul	100	
70) Atrazine	16.631	200	200138	20.630	ng/ul	97	
71) Pentachlorophenol	16.831	266	123353	19.300	ng/ul	97	
72) Phenanthrene	17.225	178	924651	20.614	ng/ul	99	
74) Anthracene	17.313	178	949717	20.882	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.166	216	264124	21.920	ng/uL	96	
76) Pentachlorobenzene	14.701	250	271807	23.110	ng/uL	99	
77) Carbazole	17.601	167	859207	21.017	ng/ul	99	
78) Di-n-butylphthalate	18.183	149	1071772	20.399	ng/ul	100	
80) Fluoranthene	19.313	202	1112994	19.969	ng/ul	100	
82) Pyrene	19.689	202	1162677	19.955	ng/ul	99	
83) Butylbenzylphthalate	20.624	149	528790	20.372	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.519	252	406580	21.202	ng/ul	99	
85) Benzo(a)anthracene	21.601	228	1212720	20.352	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.530	149	772722	20.258	ng/ul	100	
87) Chrysene	21.671	228	1171624	20.892	ng/ul	100	
89) Di-n-octyl phthalate	22.807	149	1386383	20.189	ng/ul	100	
90) Benzo(b)fluoranthene	23.895	252	1216887	20.427	ng/ul	98	
91) Benzo(k)fluoranthene	23.971	252	1216306	20.129	ng/ul	100	
93) Benzo(a)pyrene	24.813	252	1170030m	20.438	ng/ul		
94) Indeno(1,2,3-cd)pyrene	28.771	276	1477891	20.637	ng/ul	98	
95) Dibenzo(a,h)anthracene	28.842	278	1205482	20.775	ng/ul	99	
96) Benzo(g,h,i)perylene	29.959	276	1194498	20.574	ng/ul	99	

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

