

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091025\
 Data File : BP025712.D
 Acq On : 10 Sep 2025 15:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

Quant Time: Sep 10 16:30:56 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	7.731	152	137035	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.513	136	569762	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.378	164	391017	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.189	188	819703	20.000	ng/u1	0.01
79) Chrysene-d12	21.642	240	892974	20.000	ng/u1	0.02
88) Perylene-d12	25.007	264	978452	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	27345	8.166	ng/uL	-0.02
4) Pyridine-d5	3.672	84	188244	19.394	ng/u1	-0.02
7) Phenol-d5	6.919	99	213109	19.253	ng/u1	-0.03
9) Bis-(2-Chloroethyl)eth...	7.066	67	136630	20.187	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.278	132	176542	20.476	ng/u1	-0.03
15) 4-Methylphenol-d8	8.437	113	175563	19.156	ng/u1	-0.03
21) Nitrobenzene-d5	8.884	128	89113	20.332	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.602	143	96576	19.386	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.143	165	177626	19.785	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.654	131	245934	19.551	ng/u1	0.00
46) Dimethylphthalate-d6	13.784	166	584215	19.763	ng/u1	0.00
49) Acenaphthylene-d8	14.072	160	647971	19.962	ng/u1	0.00
54) 4-Nitrophenol-d4	14.607	143	90793	18.517	ng/u1	0.00
60) Fluorene-d10	15.395	176	497938	20.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.531	200	99605	17.847	ng/u1	0.01
73) Anthracene-d10	17.284	188	795886	20.175	ng/u1	0.00
81) Pyrene-d10	19.666	212	984584	20.146	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.771	264	1022603	20.357	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	28954	8.179	ng/uL	94
5) Pyridine	3.690	79	199147	19.699	ng/u1	95
6) Benzaldehyde	6.890	77	134497	26.381	ng/u1	98
8) Phenol	6.949	94	220839	19.425	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.161	93	185849	20.714	ng/u1	98
12) 2-Chlorophenol	7.308	128	179311	20.371	ng/u1	96
13) 2-Methylphenol	8.178	108	172354	19.774	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.255	45	301617	21.204	ng/u1	99
16) Acetophenone	8.549	105	287591	20.284	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.531	70	153937	20.445	ng/u1	99
18) 4-Methylphenol	8.502	108	183301	19.402	ng/u1	97
19) Hexachloroethane	8.802	117	79897	20.250	ng/u1	95
22) Nitrobenzene	8.925	77	221524	20.881	ng/u1	99
23) Isophorone	9.443	82	433032	19.940	ng/u1	99
25) 2-Nitrophenol	9.631	139	101612	19.606	ng/u1	99
26) 2,4-Dimethylphenol	9.696	107	194141	18.274	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.925	93	250785	20.116	ng/u1	100
29) 2,4-Dichlorophenol	10.172	162	173534	19.879	ng/u1	99
30) Naphthalene	10.560	128	601618	20.194	ng/u1	99
32) 4-Chloroaniline	10.672	127	244004	19.462	ng/u1	98
33) Hexachlorobutadiene	10.843	225	126777	19.514	ng/u1	98
34) Caprolactam	11.460	113	65713	18.377	ng/u1	96
35) 4-Chloro-3-methylphenol	11.813	107	202476	19.718	ng/u1	96
36) 2-Methylnaphthalene	12.184	142	428063	20.117	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.401	142	424341	20.356	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.560	216	228028	19.610	ng/ul	100
40) Hexachlorocyclopentadiene	12.537	237	100767	17.047	ng/ul	97
41) 2,4,6-Trichlorophenol	12.801	196	147039	19.328	ng/ul	97
42) 2,4,5-Trichlorophenol	12.884	196	153268	18.386	ng/ul	99
43) 1,1'-Biphenyl	13.201	154	558048	20.357	ng/ul	100
44) 2-Chloronaphthalene	13.243	162	446138	20.675	ng/ul	99
45) 2-Nitroaniline	13.454	65	141042	20.598	ng/ul	98
47) Dimethylphthalate	13.831	163	575401	19.845	ng/ul	100
48) 2,6-Dinitrotoluene	13.954	165	115578	19.675	ng/ul	98
50) Acenaphthylene	14.095	152	729973	20.089	ng/ul	100
51) 3-Nitroaniline	14.290	138	109823	21.031	ng/ul	96
52) Acenaphthene	14.448	153	469882	20.123	ng/ul	97
53) 2,4-Dinitrophenol	14.513	184	57392	15.898	ng/ul	95
55) 4-Nitrophenol	14.619	109	74057m	18.551	ng/ul	
56) Dibenzofuran	14.790	168	688135	20.609	ng/ul	97
57) 2,4-Dinitrotoluene	14.754	165	173648	19.738	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.025	232	143366	19.611	ng/ul	99
59) Diethylphthalate	15.213	149	587000	19.689	ng/ul	99
61) Fluorene	15.454	166	553933	20.311	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.437	204	279413	20.012	ng/ul	96
63) 4-Nitroaniline	15.478	138	107240	20.827	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.542	198	103828	18.369	ng/ul	95
67) N-Nitrosodiphenylamine	15.654	169	482149	20.340	ng/ul	97
68) 4-Bromophenyl-phenylether	16.354	248	170613	19.525	ng/ul	96
69) Hexachlorobenzene	16.478	284	193677	19.334	ng/ul	96
70) Atrazine	16.637	200	192005	19.739	ng/ul	99
71) Pentachlorophenol	16.836	266	113069	17.644	ng/ul	99
72) Phenanthrene	17.231	178	905439	20.132	ng/ul	99
74) Anthracene	17.319	178	910788	19.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.160	216	240002	19.866	ng/uL	99
76) Pentachlorobenzene	14.707	250	234658	19.899	ng/uL	98
77) Carbazole	17.607	167	837206	20.425	ng/ul	100
78) Di-n-butylphthalate	18.195	149	1042043	19.780	ng/ul	100
80) Fluoranthene	19.313	202	1107298	19.903	ng/ul	99
82) Pyrene	19.689	202	1159925	19.944	ng/ul	99
83) Butylbenzylphthalate	20.636	149	493038	19.029	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.530	252	382469	19.981	ng/ul	100
85) Benzo(a)anthracene	21.613	228	1190330	20.013	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.542	149	731712	19.218	ng/ul	99
87) Chrysene	21.683	228	1143069	20.420	ng/ul	99
89) Di-n-octyl phthalate	22.830	149	1287023	19.494	ng/ul	100
90) Benzo(b)fluoranthene	23.948	252	1181065	20.620	ng/ul	99
91) Benzo(k)fluoranthene	24.018	252	1186405	20.421	ng/ul	100
93) Benzo(a)pyrene	24.848	252	1120075	20.350	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.836	276	1387892	20.157	ng/ul	99
95) Dibenzo(a,h)anthracene	28.912	278	1126380	20.190	ng/ul	100
96) Benzo(g,h,i)perylene	30.006	276	1120140	20.066	ng/ul	99

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

