

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090925\
 Data File : BP025702.D
 Acq On : 09 Sep 2025 17:44
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020679

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 10 11:00:28 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	7.761	152	131008	20.000	ng/u1	0.00
20) Naphthalene-d8	10.531	136	546061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.378	164	381433	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.178	188	792894	20.000	ng/u1	0.00
79) Chrysene-d12	21.625	240	858233	20.000	ng/u1	0.00
88) Perylene-d12	24.989	264	952117	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	25900	8.090	ng/uL	0.00
4) Pyridine-d5	3.690	84	179781	19.375	ng/u1	0.00
7) Phenol-d5	6.949	99	220748	20.860	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.096	67	129725	20.049	ng/u1	0.00
11) 2-Chlorophenol-d4	7.308	132	164139	19.913	ng/u1	0.00
15) 4-Methylphenol-d8	8.466	113	169022	19.290	ng/u1	0.00
21) Nitrobenzene-d5	8.902	128	85275	20.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.619	143	92860	19.449	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.166	165	169507	19.700	ng/u1	0.00
31) 4-Chloroaniline-d4	10.666	131	236362	19.606	ng/u1	0.00
46) Dimethylphthalate-d6	13.778	166	580641	20.136	ng/u1	0.00
49) Acenaphthylene-d8	14.066	160	633571	20.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.607	143	88523	18.507	ng/u1	0.00
60) Fluorene-d10	15.384	176	482753	20.103	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.513	200	98592	18.263	ng/u1	0.00
73) Anthracene-d10	17.278	188	785969	20.598	ng/u1	-0.01
81) Pyrene-d10	19.654	212	956144	20.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.742	264	964890	19.740	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	26409	7.804	ng/uL	98
5) Pyridine	3.714	79	189689	19.626	ng/u1	99
6) Benzaldehyde	6.919	77	133428	27.375	ng/u1	99
8) Phenol	6.978	94	223169	20.533	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.190	93	174270	20.317	ng/u1	98
12) 2-Chlorophenol	7.337	128	172592	20.510	ng/u1	99
13) 2-Methylphenol	8.202	108	161975	19.438	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.278	45	286126	21.041	ng/u1	100
16) Acetophenone	8.572	105	274762	20.270	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.555	70	146817	20.397	ng/u1	99
18) 4-Methylphenol	8.531	108	177299	19.630	ng/u1	97
19) Hexachloroethane	8.825	117	76985	20.409	ng/u1	95
22) Nitrobenzene	8.949	77	206415	20.301	ng/u1	99
23) Isophorone	9.466	82	417872	20.077	ng/u1	99
25) 2-Nitrophenol	9.649	139	99731	20.078	ng/u1	100
26) 2,4-Dimethylphenol	9.713	107	192228	18.880	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.937	93	243547	20.384	ng/u1	98
29) 2,4-Dichlorophenol	10.190	162	168981	20.198	ng/u1	96
30) Naphthalene	10.578	128	581621	20.370	ng/u1	99
32) 4-Chloroaniline	10.690	127	233428	19.427	ng/u1	99
33) Hexachlorobutadiene	10.866	225	124994	20.075	ng/u1	97
34) Caprolactam	11.478	113	65090m	18.993	ng/u1	
35) 4-Chloro-3-methylphenol	11.819	107	195841	19.900	ng/u1	99
36) 2-Methylnaphthalene	12.184	142	414301	20.315	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.407	142	407279	20.386	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.560	216	225167	19.850	ng/ul	98
40) Hexachlorocyclopentadiene	12.537	237	100361	17.405	ng/ul	98
41) 2,4,6-Trichlorophenol	12.802	196	144201	19.432	ng/ul	98
42) 2,4,5-Trichlorophenol	12.890	196	158555	19.499	ng/ul	99
43) 1,1'-Biphenyl	13.201	154	545344	20.394	ng/ul	99
44) 2-Chloronaphthalene	13.243	162	422011	20.048	ng/ul	97
45) 2-Nitroaniline	13.454	65	133651	20.009	ng/ul	99
47) Dimethylphthalate	13.825	163	571787	20.216	ng/ul	99
48) 2,6-Dinitrotoluene	13.949	165	111255	19.415	ng/ul	96
50) Acenaphthylene	14.096	152	717594	20.245	ng/ul	99
51) 3-Nitroaniline	14.290	138	107279	21.060	ng/ul	99
52) Acenaphthene	14.443	153	464102	20.375	ng/ul	98
53) 2,4-Dinitrophenol	14.507	184	57304	16.273	ng/ul	96
55) 4-Nitrophenol	14.625	109	69714	17.902	ng/ul	98
56) Dibenzofuran	14.778	168	668918	20.537	ng/ul	98
57) 2,4-Dinitrotoluene	14.748	165	168882	19.679	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.019	232	137826	19.327	ng/ul	98
59) Diethylphthalate	15.207	149	587521	20.202	ng/ul	99
61) Fluorene	15.437	166	536185	20.155	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.431	204	275976	20.263	ng/ul	99
63) 4-Nitroaniline	15.466	138	107059	21.314	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.525	198	102910	18.822	ng/ul	100
67) N-Nitrosodiphenylamine	15.654	169	472259	20.597	ng/ul	97
68) 4-Bromophenyl-phenylether	16.348	248	170732	20.200	ng/ul	98
69) Hexachlorobenzene	16.466	284	189170	19.523	ng/ul	98
70) Atrazine	16.637	200	192478	20.457	ng/ul	97
71) Pentachlorophenol	16.831	266	111634	18.009	ng/ul	100
72) Phenanthrene	17.219	178	887800	20.407	ng/ul	99
74) Anthracene	17.319	178	914223	20.726	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.166	216	235362	20.140	ng/uL	96
76) Pentachlorobenzene	14.701	250	229231	20.096	ng/uL	98
77) Carbazole	17.601	167	817053	20.607	ng/ul	99
78) Di-n-butylphthalate	18.184	149	1052751	20.659	ng/ul	100
80) Fluoranthene	19.313	202	1075433	20.113	ng/ul	100
82) Pyrene	19.683	202	1147650	20.532	ng/ul	100
83) Butylbenzylphthalate	20.636	149	502881	20.195	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.530	252	376439	20.462	ng/ul	100
85) Benzo(a)anthracene	21.607	228	1160760	20.305	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.542	149	741942	20.275	ng/ul	99
87) Chrysene	21.678	228	1115593	20.736	ng/ul	99
89) Di-n-octyl phthalate	22.813	149	1305668	20.323	ng/ul	100
90) Benzo(b)fluoranthene	23.913	252	1111625	19.944	ng/ul	99
91) Benzo(k)fluoranthene	23.977	252	1174964	20.783	ng/ul	100
93) Benzo(a)pyrene	24.813	252	1082564	20.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.801	276	1326677m	19.801	ng/ul	
95) Dibenzo(a,h)anthracene	28.877	278	1086156	20.007	ng/ul	98
96) Benzo(g,h,i)perylene	29.971	276	1084865m	19.972	ng/ul	

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

