

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
 Data File : BP025685.D
 Acq On : 08 Sep 2025 15:22
 Operator : CG/JU
 Sample : SSTD01011
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010640

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 17:02:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 08 16:53:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	130658	20.000	ng/u1	0.00
20) Naphthalene-d8	10.531	136	531909	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.384	164	376898	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.172	188	793862	20.000	ng/u1	0.00
79) Chrysene-d12	21.625	240	876894	20.000	ng/u1	0.00
88) Perylene-d12	24.977	264	964815	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	12974	4.375	ng/uL	0.00
4) Pyridine-d5	3.696	84	87385	10.329	ng/u1	0.00
7) Phenol-d5	6.955	99	95689	9.415	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.102	67	61970	10.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.308	132	78884	9.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.472	113	79998	9.616	ng/u1	0.00
21) Nitrobenzene-d5	8.908	128	39827	10.816	ng/u1	0.00
24) 2-Nitrophenol-d4	9.619	143	43589	12.622	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.172	165	82833m	10.344	ng/u1	0.01
31) 4-Chloroaniline-d4	10.666	131	108798	8.997	ng/u1	0.00
46) Dimethylphthalate-d6	13.784	166	292443	10.736	ng/u1	0.00
49) Acenaphthylene-d8	14.072	160	312304	9.931	ng/u1	0.00
54) 4-Nitrophenol-d4	14.619	143	35114	6.985	ng/u1	0.02
60) Fluorene-d10	15.384	176	242072	10.394	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.525	200	48268	12.206	ng/u1	0.00
73) Anthracene-d10	17.284	188	395959	10.437	ng/u1	0.00
81) Pyrene-d10	19.660	212	492782	10.821	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.742	264	490397	10.159	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	13638	4.269	ng/uL	100
5) Pyridine	3.714	79	91797	10.547	ng/u1	94
6) Benzaldehyde	6.919	77	64082	13.005	ng/u1	96
8) Phenol	6.984	94	97837	9.349	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.190	93	81606	10.057	ng/u1	100
12) 2-Chlorophenol	7.343	128	84157	10.075	ng/u1	99
13) 2-Methylphenol	8.208	108	77410	9.676	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.278	45	134743	11.625	ng/u1	100
16) Acetophenone	8.578	105	131773	10.149	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.555	70	70654	11.512	ng/u1	97
18) 4-Methylphenol	8.537	108	82572	9.526	ng/u1	95
19) Hexachloroethane	8.831	117	37732	11.423	ng/u1	98
22) Nitrobenzene	8.949	77	97772	11.431	ng/u1	96
23) Isophorone	9.472	82	202227	11.427	ng/u1	99
25) 2-Nitrophenol	9.655	139	47034	12.117	ng/u1	99
26) 2,4-Dimethylphenol	9.713	107	99572	11.143	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.943	93	117528	10.882	ng/u1	99
29) 2,4-Dichlorophenol	10.202	162	80237	10.113	ng/u1	98
30) Naphthalene	10.584	128	280977	10.117	ng/u1	98
32) 4-Chloroaniline	10.696	127	112459	9.492	ng/u1	99
33) Hexachlorobutadiene	10.866	225	60743	11.199	ng/u1	97
34) Caprolactam	11.478	113	32469m	11.132	ng/u1	
35) 4-Chloro-3-methylphenol	11.825	107	91840	11.139	ng/u1	97
36) 2-Methylnaphthalene	12.190	142	199753	10.044	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.407	142	197506	10.181	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.560	216	110382	9.894	ng/ul	100
40) Hexachlorocyclopentadiene	12.537	237	41793	7.607	ng/ul	98
41) 2,4,6-Trichlorophenol	12.807	196	71174	10.573	ng/ul	98
42) 2,4,5-Trichlorophenol	12.890	196	75911	10.172	ng/ul	96
43) 1,1'-Biphenyl	13.201	154	266131	9.641	ng/ul	97
44) 2-Chloronaphthalene	13.249	162	209939	9.750	ng/ul	98
45) 2-Nitroaniline	13.454	65	62703	13.687	ng/ul	97
47) Dimethylphthalate	13.831	163	284152	10.576	ng/ul	99
48) 2,6-Dinitrotoluene	13.948	165	54768	12.348	ng/ul	97
50) Acenaphthylene	14.101	152	351015	9.856	ng/ul	99
51) 3-Nitroaniline	14.290	138	47690	9.588	ng/ul	84
52) Acenaphthene	14.448	153	229906	10.037	ng/ul	99
53) 2,4-Dinitrophenol	14.525	184	24427	10.187	ng/ul	90
55) 4-Nitrophenol	14.631	109	27328	7.518	ng/ul	96
56) Dibenzofuran	14.790	168	330844	10.144	ng/ul	99
57) 2,4-Dinitrotoluene	14.754	165	83434	12.694	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.019	232	69711	11.387	ng/ul	97
59) Diethylphthalate	15.219	149	295332	11.131	ng/ul	99
61) Fluorene	15.443	166	272734	10.335	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.437	204	139569	10.614	ng/ul	98
63) 4-Nitroaniline	15.472	138	53046	10.979	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.537	198	49680	11.843	ng/ul	94
67) N-Nitrosodiphenylamine	15.654	169	236295	10.175	ng/ul	99
68) 4-Bromophenyl-phenylether	16.348	248	86766	10.463	ng/ul	97
69) Hexachlorobenzene	16.472	284	99760	9.722	ng/ul	99
70) Atrazine	16.631	200	94975	10.713	ng/ul	98
71) Pentachlorophenol	16.837	266	55430m	8.754	ng/ul	
72) Phenanthrene	17.213	178	456566	10.427	ng/ul	100
74) Anthracene	17.319	178	456023	10.369	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.172	216	119651	10.137	ng/uL	93
76) Pentachlorobenzene	14.713	250	116372	9.787	ng/uL	98
77) Carbazole	17.595	167	407301	10.351	ng/ul	99
78) Di-n-butylphthalate	18.178	149	524655	11.709	ng/ul	99
80) Fluoranthene	19.307	202	556268	10.571	ng/ul	99
82) Pyrene	19.689	202	580106	10.412	ng/ul	98
83) Butylbenzylphthalate	20.625	149	255113	14.167	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.519	252	198276	11.788	ng/ul	97
85) Benzo(a)anthracene	21.601	228	590634	10.482	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.530	149	390843	13.448	ng/ul	99
87) Chrysene	21.672	228	562941	10.674	ng/ul	100
89) Di-n-octyl phthalate	22.813	149	679533	13.017	ng/ul	100
90) Benzo(b)fluoranthene	23.913	252	572503	10.161	ng/ul	98
91) Benzo(k)fluoranthene	23.977	252	575499	10.167	ng/ul	100
93) Benzo(a)pyrene	24.819	252	545876	10.280	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.789	276	682733m	10.150	ng/ul	
95) Dibenzo(a,h)anthracene	28.871	278	556395m	10.216	ng/ul	
96) Benzo(g,h,i)perylene	29.989	276	546327m	9.976	ng/ul	

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

