

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
 Data File : BP025688.D
 Acq On : 08 Sep 2025 17:26
 Operator : CG/JU
 Sample : SSTD08014
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080643

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 09:14:00 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	134437	20.000	ng/u1	0.00
20) Naphthalene-d8	10.531	136	576119	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.378	164	392118	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.178	188	819453	20.000	ng/u1	0.00
79) Chrysene-d12	21.630	240	821231	20.000	ng/u1	0.01
88) Perylene-d12	24.977	264	912842	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	107071	35.090	ng/uL	0.00
4) Pyridine-d5	3.690	84	797462	91.608	ng/u1	0.00
7) Phenol-d5	6.949	99	931215	89.052	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.102	67	547361	89.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.308	132	716164	85.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.472	113	765092	89.381	ng/u1	0.00
21) Nitrobenzene-d5	8.908	128	372043	93.280	ng/u1	0.00
24) 2-Nitrophenol-d4	9.625	143	436419	116.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.160	165	758134	87.413	ng/u1	0.00
31) 4-Chloroaniline-d4	10.666	131	1057862	80.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.790	166	2276057	80.313	ng/u1	0.00
49) Acenaphthylene-d8	14.072	160	2622427	80.152	ng/u1	0.00
54) 4-Nitrophenol-d4	14.607	143	443373	84.777	ng/u1	0.00
60) Fluorene-d10	15.390	176	1910590	78.851	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.525	200	470329	115.218	ng/u1	0.00
73) Anthracene-d10	17.284	188	3041060	77.653	ng/u1	0.00
81) Pyrene-d10	19.660	212	3518859	82.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.760	264	3798636	83.174	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	112678	34.281	ng/uL	98
5) Pyridine	3.714	79	824944	92.122	ng/u1	98
6) Benzaldehyde	6.914	77	310787	61.301	ng/u1	100
8) Phenol	6.978	94	953277	88.529	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.190	93	724392	86.766	ng/u1	99
12) 2-Chlorophenol	7.337	128	730734	85.021	ng/u1	99
13) 2-Methylphenol	8.202	108	722022	87.717	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.278	45	1129564	94.713	ng/u1	100
16) Acetophenone	8.578	105	1169817	87.568	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.566	70	611727	96.871	ng/u1	99
18) 4-Methylphenol	8.537	108	791204	88.712	ng/u1	95
19) Hexachloroethane	8.825	117	307407	90.450	ng/u1	97
22) Nitrobenzene	8.949	77	902169	97.382	ng/u1	100
23) Isophorone	9.478	82	1760032	91.820	ng/u1	100
25) 2-Nitrophenol	9.655	139	445109	105.868	ng/u1	98
26) 2,4-Dimethylphenol	9.719	107	879449	90.867	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.943	93	1024485	87.582	ng/u1	100
29) 2,4-Dichlorophenol	10.190	162	740329	86.150	ng/u1	98
30) Naphthalene	10.584	128	2338872	77.749	ng/u1	100
32) 4-Chloroaniline	10.690	127	1046183	81.528	ng/u1	99
33) Hexachlorobutadiene	10.866	225	507048	86.310	ng/u1	100
34) Caprolactam	11.496	113	296187m	93.759	ng/u1	
35) 4-Chloro-3-methylphenol	11.825	107	869778	97.394	ng/u1	99
36) 2-Methylnaphthalene	12.190	142	1694254	78.654	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.407	142	1632679	77.706	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.560	216	940675	81.042	ng/ul	99
40) Hexachlorocyclopentadiene	12.537	237	535493	93.690	ng/ul	97
41) 2,4,6-Trichlorophenol	12.801	196	636869	90.936	ng/ul	99
42) 2,4,5-Trichlorophenol	12.884	196	709083	91.325	ng/ul	98
43) 1,1'-Biphenyl	13.201	154	2127779	74.089	ng/ul	97
44) 2-Chloronaphthalene	13.243	162	1723874	76.952	ng/ul	99
45) 2-Nitroaniline	13.454	65	602193	126.349	ng/ul	100
47) Dimethylphthalate	13.831	163	2212918	79.170	ng/ul	98
48) 2,6-Dinitrotoluene	13.948	165	503320	109.070	ng/ul	97
50) Acenaphthylene	14.107	152	2850330	76.926	ng/ul	100
51) 3-Nitroaniline	14.284	138	413665	79.942	ng/ul	99
52) Acenaphthene	14.448	153	1822384	76.472	ng/ul	97
53) 2,4-Dinitrophenol	14.501	184	338973	135.876	ng/ul	99
55) 4-Nitrophenol	14.619	109	367062	97.055	ng/ul	98
56) Dibenzofuran	14.784	168	2584213	76.162	ng/ul	99
57) 2,4-Dinitrotoluene	14.748	165	747610	109.330	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.019	232	598920	94.033	ng/ul	99
59) Diethylphthalate	15.219	149	2294304	83.116	ng/ul	99
61) Fluorene	15.443	166	2054600	74.837	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.437	204	1057897	77.329	ng/ul	97
63) 4-Nitroaniline	15.478	138	389270	77.443	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.537	198	474365	109.553	ng/ul#	96
67) N-Nitrosodiphenylamine	15.654	169	1844112	76.926	ng/ul	98
68) 4-Bromophenyl-phenylether	16.348	248	693744	81.048	ng/ul	97
69) Hexachlorobenzene	16.466	284	789733	74.560	ng/ul	100
70) Atrazine	16.637	200	754623	82.465	ng/ul	99
71) Pentachlorophenol	16.825	266	546979	83.685	ng/ul	98
72) Phenanthrene	17.225	178	3410538	75.456	ng/ul	99
74) Anthracene	17.319	178	3474081	76.523	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.172	216	970266	79.633	ng/ul	96
76) Pentachlorobenzene	14.701	250	936110	76.271	ng/ul	99
77) Carbazole	17.595	167	3266006	80.408	ng/ul	99
78) Di-n-butylphthalate	18.178	149	4001800	86.524	ng/ul	100
80) Fluoranthene	19.307	202	4053740	82.257	ng/ul	99
82) Pyrene	19.689	202	4120154	78.965	ng/ul	97
83) Butylbenzylphthalate	20.630	149	1848806	109.630	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.525	252	1368765	86.889	ng/ul	99
85) Benzo(a)anthracene	21.613	228	4362841	82.678	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.536	149	2630859	96.657	ng/ul	99
87) Chrysene	21.677	228	4011450	81.216	ng/ul	100
89) Di-n-octyl phthalate	22.813	149	4818264	97.554	ng/ul	100
90) Benzo(b)fluoranthene	23.913	252	4268391	80.067	ng/ul	99
91) Benzo(k)fluoranthene	23.989	252	4306588	80.411	ng/ul	98
93) Benzo(a)pyrene	24.842	252	4142158	82.446	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.830	276	5279464	82.960	ng/ul	99
95) Dibenzo(a,h)anthracene	28.901	278	4280740m	83.077	ng/ul	
96) Benzo(g,h,i)perylene	30.001	276	4290912	82.816	ng/ul	99

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

