

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
 Data File : BP025687.D
 Acq On : 08 Sep 2025 16:45
 Operator : CG/JU
 Sample : SSTD04013
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 09:10:01 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	7.760	152	131197	20.000	ng/u1	0.00
20) Naphthalene-d8	10.536	136	534927	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.389	164	360454	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.183	188	746053	20.000	ng/u1	0.00
79) Chrysene-d12	21.618	240	806873	20.000	ng/u1	0.00
88) Perylene-d12	24.965	264	913099	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.278	96	50906	17.095	ng/uL	0.00
4) Pyridine-d5	3.696	84	401889	47.307	ng/u1	0.00
7) Phenol-d5	6.948	99	440401	43.156	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.101	67	267938	44.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.307	132	346120	42.206	ng/u1	0.00
15) 4-Methylphenol-d8	8.466	113	365005	43.694	ng/u1	0.00
21) Nitrobenzene-d5	8.907	128	179781	48.546	ng/u1	0.00
24) 2-Nitrophenol-d4	9.625	143	202958	58.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.160	165	362974	45.074	ng/u1	0.00
31) 4-Chloroaniline-d4	10.666	131	489071	40.215	ng/u1	0.00
46) Dimethylphthalate-d6	13.783	166	1108315	42.544	ng/u1	0.00
49) Acenaphthylene-d8	14.077	160	1234303	41.039	ng/u1	0.00
54) 4-Nitrophenol-d4	14.607	143	197570	41.096	ng/u1	0.00
60) Fluorene-d10	15.395	176	921365	41.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.518	200	213253	57.381	ng/u1	0.00
73) Anthracene-d10	17.283	188	1465608	41.106	ng/u1	0.00
81) Pyrene-d10	19.659	212	1783736	42.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.747	264	1938035	42.423	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	55139	17.190	ng/uL	98
5) Pyridine	3.713	79	413191	47.281	ng/u1	99
6) Benzaldehyde	6.919	77	213655	43.183	ng/u1	99
8) Phenol	6.978	94	451952	43.008	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.190	93	356352	43.737	ng/u1	99
12) 2-Chlorophenol	7.337	128	352773	42.059	ng/u1	98
13) 2-Methylphenol	8.207	108	344564	42.894	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.278	45	556032	47.774	ng/u1	99
16) Acetophenone	8.578	105	558254	42.821	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.560	70	296595	48.128	ng/u1	99
18) 4-Methylphenol	8.531	108	374891	43.072	ng/u1	99
19) Hexachloroethane	8.831	117	154815	46.677	ng/u1	99
22) Nitrobenzene	8.948	77	428033	49.761	ng/u1	100
23) Isophorone	9.472	82	846875	47.583	ng/u1	99
25) 2-Nitrophenol	9.654	139	210942	54.036	ng/u1	97
26) 2,4-Dimethylphenol	9.713	107	424262	47.212	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.942	93	492739	45.367	ng/u1	99
29) 2,4-Dichlorophenol	10.189	162	351813	44.092	ng/u1	99
30) Naphthalene	10.583	128	1140275	40.824	ng/u1	99
32) 4-Chloroaniline	10.689	127	490367	41.156	ng/u1	99
33) Hexachlorobutadiene	10.866	225	248904	45.631	ng/u1	98
34) Caprolactam	11.478	113	137517m	46.884	ng/u1	
35) 4-Chloro-3-methylphenol	11.825	107	403919	48.712	ng/u1	97
36) 2-Methylnaphthalene	12.195	142	813262	40.662	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.407	142	801201	41.069	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.566	216	457521	42.880	ng/ul	98
40) Hexachlorocyclopentadiene	12.542	237	231289	44.021	ng/ul	97
41) 2,4,6-Trichlorophenol	12.807	196	303084	47.078	ng/ul	99
42) 2,4,5-Trichlorophenol	12.889	196	328591	46.038	ng/ul	98
43) 1,1'-Biphenyl	13.201	154	1052062	39.851	ng/ul	98
44) 2-Chloronaphthalene	13.248	162	834423	40.520	ng/ul	98
45) 2-Nitroaniline	13.460	65	278118	63.480	ng/ul	99
47) Dimethylphthalate	13.830	163	1082201	42.118	ng/ul	99
48) 2,6-Dinitrotoluene	13.960	165	231818	54.648	ng/ul	97
50) Acenaphthylene	14.107	152	1391765	40.861	ng/ul	99
51) 3-Nitroaniline	14.295	138	210312	44.214	ng/ul	97
52) Acenaphthene	14.454	153	882450	40.283	ng/ul	98
53) 2,4-Dinitrophenol	14.507	184	139275	60.732	ng/ul	92
55) 4-Nitrophenol	14.624	109	161536	46.464	ng/ul	97
56) Dibenzofuran	14.789	168	1254606	40.224	ng/ul	98
57) 2,4-Dinitrotoluene	14.760	165	349459	55.594	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.024	232	279043	47.659	ng/ul	96
59) Diethylphthalate	15.213	149	1085350	42.773	ng/ul	100
61) Fluorene	15.442	166	1009683	40.008	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.442	204	511384	40.664	ng/ul	99
63) 4-Nitroaniline	15.471	138	209069	45.247	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.536	198	219663	55.722	ng/ul#	95
67) N-Nitrosodiphenylamine	15.660	169	913364	41.849	ng/ul	99
68) 4-Bromophenyl-phenylether	16.354	248	333107	42.745	ng/ul	97
69) Hexachlorobenzene	16.477	284	368879	38.253	ng/ul	96
70) Atrazine	16.636	200	372450	44.705	ng/ul	99
71) Pentachlorophenol	16.830	266	244181	41.034	ng/ul	98
72) Phenanthrene	17.224	178	1669182	40.563	ng/ul	99
74) Anthracene	17.324	178	1716977	41.541	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.172	216	472125	42.561	ng/ul	97
76) Pentachlorobenzene	14.719	250	448945	40.177	ng/ul	100
77) Carbazole	17.601	167	1574767	42.585	ng/ul	98
78) Di-n-butylphthalate	18.189	149	1934404	45.939	ng/ul	100
80) Fluoranthene	19.312	202	2041685	42.166	ng/ul	99
82) Pyrene	19.689	202	2141325	41.770	ng/ul	98
83) Butylbenzylphthalate	20.630	149	957970	57.816	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.518	252	743689	48.050	ng/ul	100
85) Benzo(a)anthracene	21.595	228	2210303	42.632	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.530	149	1352452	50.573	ng/ul	99
87) Chrysene	21.659	228	2093868	43.147	ng/ul	100
89) Di-n-octyl phthalate	22.806	149	2446917	49.528	ng/ul	100
90) Benzo(b)fluoranthene	23.918	252	2236985	41.950	ng/ul	99
91) Benzo(k)fluoranthene	23.983	252	2182871	40.746	ng/ul	100
93) Benzo(a)pyrene	24.830	252	2124004	42.265	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.777	276	2673162	41.993	ng/ul	98
95) Dibenzo(a,h)anthracene	28.853	278	2204182m	42.765	ng/ul	
96) Benzo(g,h,i)perylene	29.982	276	2191278m	42.281	ng/ul	

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

