

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060225\
 Data File : BP024843.D
 Acq On : 02 Jun 2025 16:06
 Operator : RC/JU
 Sample : SSTD04094
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040628

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 17:13:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 02 16:42:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	238882	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	1051954	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	680049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1315254	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	1371924	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	1605351	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	94530	15.937	ng/uL	0.00
4) Pyridine-d5	3.587	84	633155	38.481	ng/u1	0.00
7) Phenol-d5	6.858	99	790869	38.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	465696	40.663	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	659288	41.481	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	669526	40.935	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	342934	41.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	384429	43.394	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	655323	42.039	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	934836	39.321	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1998502	40.709	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2280577	40.444	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	270288	29.977	ng/u1	-0.04
60) Fluorene-d10	15.298	176	1604615	39.035	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	366499	43.725	ng/u1	0.00
73) Anthracene-d10	17.192	188	2500042	39.590	ng/u1	0.00
81) Pyrene-d10	19.557	212	2889087	42.328	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.574	264	3355856	41.050	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	101717	16.263	ng/uL	99
5) Pyridine	3.605	79	647377	38.686	ng/u1	99
6) Benzaldehyde	6.810	77	377664	36.359	ng/u1	98
8) Phenol	6.887	94	819877	38.560	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	639587	39.272	ng/u1	99
12) 2-Chlorophenol	7.228	128	669812	40.575	ng/u1	99
13) 2-Methylphenol	8.116	108	637056	40.337	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.163	45	827562	45.967	ng/u1	99
16) Acetophenone	8.469	105	1035126	40.656	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.452	70	534960	43.777	ng/u1	98
18) 4-Methylphenol	8.440	108	694385	39.899	ng/u1	98
19) Hexachloroethane	8.710	117	273865	40.673	ng/u1	95
22) Nitrobenzene	8.846	77	785467	41.802	ng/u1	98
23) Isophorone	9.363	82	1528221	42.299	ng/u1	99
25) 2-Nitrophenol	9.546	139	411468	42.315	ng/u1	99
26) 2,4-Dimethylphenol	9.622	107	750692	42.672	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	884582	39.351	ng/u1	100
29) 2,4-Dichlorophenol	10.099	162	646067	40.428	ng/u1	98
30) Naphthalene	10.469	128	2189085	39.180	ng/u1	99
32) 4-Chloroaniline	10.593	127	877057	38.758	ng/u1	99
33) Hexachlorobutadiene	10.751	225	409744	40.894	ng/u1	99
34) Caprolactam	11.387	113	247534	40.070	ng/u1	98
35) 4-Chloro-3-methylphenol	11.746	107	752452	44.347	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	1506691	39.462	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1523497	40.269	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	777725	38.777	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	381168	37.762	ng/ul	100
41) 2,4,6-Trichlorophenol	12.722	196	520742	41.169	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	556138	40.707	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	1959997	38.692	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	1506475	38.356	ng/ul	100
45) 2-Nitroaniline	13.375	65	487438	46.302	ng/ul	100
47) Dimethylphthalate	13.745	163	1971019	40.331	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	427766	44.222	ng/ul	97
50) Acenaphthylene	14.010	152	2324272	38.342	ng/ul	99
51) 3-Nitroaniline	14.210	138	415839	38.298	ng/ul	97
52) Acenaphthene	14.351	153	1664256	38.715	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	240977	40.525	ng/ul	94
55) 4-Nitrophenol	14.569	109	299884	44.275	ng/ul#	79
56) Dibenzofuran	14.692	168	2260465	38.448	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	620806	43.188	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.939	232	476202	41.842	ng/ul	98
59) Diethylphthalate	15.122	149	2026707	41.537	ng/ul	99
61) Fluorene	15.357	166	1844884	38.402	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	891167	38.103	ng/ul	96
63) 4-Nitroaniline	15.398	138	367396	35.185	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	389907	43.075	ng/ul	98
67) N-Nitrosodiphenylamine	15.569	169	1570012	39.690	ng/ul	100
68) 4-Bromophenyl-phenylether	16.257	248	594581	41.450	ng/ul	98
69) Hexachlorobenzene	16.375	284	715402	40.911	ng/ul	98
70) Atrazine	16.551	200	606815	42.156	ng/ul	100
71) Pentachlorophenol	16.745	266	339004	32.864	ng/ul	99
72) Phenanthrene	17.128	178	2915745	39.457	ng/ul	99
74) Anthracene	17.222	178	2893046	38.864	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	794528	40.725	ng/ul	99
76) Pentachlorobenzene	14.610	250	798640	39.174	ng/ul	99
77) Carbazole	17.516	167	2725285	40.348	ng/ul	99
78) Di-n-butylphthalate	18.086	149	3463261	42.804	ng/ul	100
80) Fluoranthene	19.216	202	3368786	42.397	ng/ul	99
82) Pyrene	19.586	202	3580557	41.843	ng/ul	98
83) Butylbenzylphthalate	20.539	149	1620601	45.501	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.421	252	1123024	41.240	ng/ul	99
85) Benzo(a)anthracene	21.498	228	3548368	40.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	2367734	44.521	ng/ul	100
87) Chrysene	21.569	228	3360262	40.502	ng/ul	99
89) Di-n-octyl phthalate	22.674	149	4160868	43.675	ng/ul	100
90) Benzo(b)fluoranthene	23.763	252	3730761	39.957	ng/ul	100
91) Benzo(k)fluoranthene	23.839	252	3761814	39.583	ng/ul	100
93) Benzo(a)pyrene	24.645	252	3534970	40.075	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	4809017m	41.471	ng/ul	
95) Dibenzo(a,h)anthracene	28.603	278	3878660	41.513	ng/ul	98
96) Benzo(g,h,i)perylene	29.686	276	3695198	40.710	ng/ul	99

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

