

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
 Data File : BP024854.D
 Acq On : 05 Jun 2025 14:38
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV637

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 15:38:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 05 15:37:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	228997	20.000	ng/u1	0.00
20) Naphthalene-d8	10.372	136	973280	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.248	164	614155	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.060	188	1224470	20.000	ng/u1	0.00
79) Chrysene-d12	21.489	240	1349346	20.000	ng/u1	0.00
88) Perylene-d12	24.730	264	1594954	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.125	96	41591	6.955	ng/uL	0.00
4) Pyridine-d5	3.537	84	276246	19.031	ng/u1	-0.01
7) Phenol-d5	6.807	99	337321	18.302	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.943	67	222303	20.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.149	132	284575	18.774	ng/u1	-0.01
15) 4-Methylphenol-d8	8.325	113	275083	18.139	ng/u1	-0.01
21) Nitrobenzene-d5	8.748	128	139403	18.306	ng/u1	0.00
24) 2-Nitrophenol-d4	9.472	143	157159	18.468	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.025	165	273394	18.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.519	131	389300	18.205	ng/u1	-0.01
46) Dimethylphthalate-d6	13.654	166	873892	19.258	ng/u1	0.00
49) Acenaphthylene-d8	13.936	160	960204	18.963	ng/u1	0.00
54) 4-Nitrophenol-d4	14.519	143	118115	17.082	ng/u1	0.00
60) Fluorene-d10	15.260	176	692808	18.808	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.401	200	146338	17.667	ng/u1	0.00
73) Anthracene-d10	17.154	188	1096955	18.713	ng/u1	0.00
81) Pyrene-d10	19.542	212	1295441	18.534	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.518	264	1526027	18.775	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.161	88	42959	6.629	ng/uL	95
5) Pyridine	3.561	79	278448	18.586	ng/u1	98
6) Benzaldehyde	6.760	77	225464	26.921	ng/u1	99
8) Phenol	6.831	94	354070	18.592	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.031	93	276463	18.501	ng/u1	100
12) 2-Chlorophenol	7.184	128	294296	19.059	ng/u1	98
13) 2-Methylphenol	8.060	108	267280	18.308	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.119	45	360820	19.088	ng/u1	99
16) Acetophenone	8.419	105	466205	20.021	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.401	70	241063	20.177	ng/u1	99
18) 4-Methylphenol	8.390	108	295026	18.673	ng/u1	95
19) Hexachloroethane	8.660	117	122732	19.055	ng/u1	97
22) Nitrobenzene	8.790	77	329552	18.737	ng/u1	99
23) Isophorone	9.313	82	648718	18.778	ng/u1	100
25) 2-Nitrophenol	9.501	139	169566	18.439	ng/u1	99
26) 2,4-Dimethylphenol	9.572	107	341502	20.004	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.796	93	386738	19.099	ng/u1	99
29) 2,4-Dichlorophenol	10.054	162	273759	18.768	ng/u1	98
30) Naphthalene	10.425	128	939986	18.597	ng/u1	100
32) 4-Chloroaniline	10.543	127	401617	20.176	ng/u1	98
33) Hexachlorobutadiene	10.707	225	183116	18.590	ng/u1	97
34) Caprolactam	11.337	113	107613m	19.607	ng/u1	
35) 4-Chloro-3-methylphenol	11.701	107	316886	19.283	ng/u1	99
36) 2-Methylnaphthalene	12.042	142	603825	16.999	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.260	142	634520	18.000	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.413	216	342018	18.972	ng/ul	99
40) Hexachlorocyclopentadiene	12.389	237	186995	21.057	ng/ul	97
41) 2,4,6-Trichlorophenol	12.678	196	220962	19.221	ng/ul	97
42) 2,4,5-Trichlorophenol	12.766	196	227920	19.060	ng/ul	99
43) 1,1'-Biphenyl	13.066	154	867617	19.552	ng/ul	99
44) 2-Chloronaphthalene	13.107	162	655674	19.071	ng/ul	99
45) 2-Nitroaniline	13.331	65	200002	19.739	ng/ul	98
47) Dimethylphthalate	13.707	163	863753	19.131	ng/ul	100
48) 2,6-Dinitrotoluene	13.831	165	187343	20.539	ng/ul	99
50) Acenaphthylene	13.966	152	1089680	20.841	ng/ul	99
51) 3-Nitroaniline	14.172	138	197578	21.304	ng/ul	96
52) Acenaphthene	14.313	153	705169	18.595	ng/ul	99
53) 2,4-Dinitrophenol	14.395	184	90413	16.508	ng/ul	98
55) 4-Nitrophenol	14.531	109	85142	14.113	ng/ul	97
56) Dibenzofuran	14.654	168	999861	19.165	ng/ul	99
57) 2,4-Dinitrotoluene	14.636	165	266439	19.539	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.901	232	212029	20.007	ng/ul	99
59) Diethylphthalate	15.089	149	883982	19.087	ng/ul	99
61) Fluorene	15.313	166	816495	19.541	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.313	204	394936	19.075	ng/ul	99
63) 4-Nitroaniline	15.354	138	186777	23.934	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.419	198	161447	18.258	ng/ul	98
67) N-Nitrosodiphenylamine	15.536	169	721443	19.506	ng/ul	99
68) 4-Bromophenyl-phenylether	16.230	248	259253	18.830	ng/ul	95
69) Hexachlorobenzene	16.342	284	315626	19.039	ng/ul	99
70) Atrazine	16.519	200	270809	19.529	ng/ul	99
71) Pentachlorophenol	16.713	266	147278	16.723	ng/ul	96
72) Phenanthrene	17.095	178	1277794	19.025	ng/ul	100
74) Anthracene	17.195	178	1332197	19.826	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.031	216	329217	17.781	ng/uL	100
76) Pentachlorobenzene	14.578	250	340242	18.136	ng/uL	99
77) Carbazole	17.483	167	1253617	20.333	ng/ul	100
78) Di-n-butylphthalate	18.066	149	1543865	19.077	ng/ul	100
80) Fluoranthene	19.195	202	1527117	18.912	ng/ul	100
82) Pyrene	19.571	202	1567714	18.332	ng/ul	100
83) Butylbenzylphthalate	20.518	149	749041	19.193	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.395	252	652933	24.005	ng/ul	99
85) Benzo(a)anthracene	21.471	228	1651296	19.155	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.401	149	1104413	19.069	ng/ul	100
87) Chrysene	21.530	228	1548544	19.061	ng/ul	100
89) Di-n-octyl phthalate	22.642	149	1881628	18.946	ng/ul	100
90) Benzo(b)fluoranthene	23.718	252	1757670	19.232	ng/ul	100
91) Benzo(k)fluoranthene	23.789	252	1759731	19.044	ng/ul	100
93) Benzo(a)pyrene	24.577	252	1715640	20.077	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.418	276	2216031	19.185	ng/ul	99
95) Dibenzo(a,h)anthracene	28.477	278	1821610	19.568	ng/ul	99
96) Benzo(g,h,i)perylene	29.565	276	1794795m	19.933	ng/ul	

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

