

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
 Data File : BN036522.D
 Acq On : 28 Feb 2025 18:59
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV209

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 12:44:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 03 12:45:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	64488	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	304805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	220789	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	457087	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	473582	20.000	ng/ul	0.00
88) Perylene-d12	24.315	264	500923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13299	8.018	ng/uL	0.00
4) Pyridine-d5	3.617	84	106666	21.038	ng/ul	0.00
7) Phenol-d5	6.899	99	128400	20.847	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	101133	23.079	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	91921	21.224	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	108704	21.374	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	52001	21.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	55567	21.829	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	101558	21.996	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	157844	22.139	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	363428	21.887	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	401957	21.671	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	69835	21.233	ng/ul	0.00
60) Fluorene-d10	15.363	176	296512	21.172	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	60799	19.438	ng/ul	0.00
73) Anthracene-d10	17.210	188	479398	21.313	ng/ul	0.00
81) Pyrene-d10	19.504	212	554308	21.425	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.115	264	545486	21.855	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	14845	7.980	ng/uL	96
5) Pyridine	3.634	79	96359	18.216	ng/ul	99
6) Benzaldehyde	6.869	77	82343	22.679	ng/ul	100
8) Phenol	6.928	94	127528	19.313	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	103342	20.039	ng/ul	98
12) 2-Chlorophenol	7.293	128	89732	19.640	ng/ul	98
13) 2-Methylphenol	8.169	108	94154	19.797	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.246	45	197935	19.999	ng/ul	99
16) Acetophenone	8.546	105	179735	20.792	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	104675	21.560	ng/ul	99
18) 4-Methylphenol	8.499	108	108620	19.995	ng/ul	97
19) Hexachloroethane	8.805	117	41475	19.747	ng/ul	98
22) Nitrobenzene	8.922	77	142571	19.564	ng/ul	98
23) Isophorone	9.446	82	278226	20.501	ng/ul	99
25) 2-Nitrophenol	9.628	139	56393	19.893	ng/ul	92
26) 2,4-Dimethylphenol	9.699	107	107323	17.913	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.928	93	155250	20.290	ng/ul	97
29) 2,4-Dichlorophenol	10.163	162	95244	20.112	ng/ul	96
30) Naphthalene	10.563	128	334644	19.854	ng/ul	99
32) 4-Chloroaniline	10.675	127	146873	21.285	ng/ul	98
33) Hexachlorobutadiene	10.851	225	58373	18.712	ng/ul	91
34) Caprolactam	11.451	113	40223m	20.505	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	124878	20.792	ng/ul	97
36) 2-Methylnaphthalene	12.181	142	244754	20.860	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	230798	19.507	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	125248	20.230	ng/ul	98
40) Hexachlorocyclopentadiene	12.534	237	65980	18.058	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	82302	20.209	ng/ul	96
42) 2,4,5-Trichlorophenol	12.869	196	89556	20.070	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	332505	20.391	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	250207	19.790	ng/ul	99
45) 2-Nitroaniline	13.445	65	105143	20.716	ng/ul	96
47) Dimethylphthalate	13.828	163	332320	19.848	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	70332	21.515	ng/ul	97
50) Acenaphthylene	14.087	152	409564	20.402	ng/ul	99
51) 3-Nitroaniline	14.275	138	77772	22.030	ng/ul	95
52) Acenaphthene	14.434	153	285140	19.701	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	40697	18.105	ng/ul	97
55) 4-Nitrophenol	14.587	109	63269	19.541	ng/ul	99
56) Dibenzofuran	14.769	168	397893	19.950	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	100663	20.109	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	78939	21.162	ng/ul	98
59) Diethylphthalate	15.198	149	348703	20.048	ng/ul	98
61) Fluorene	15.416	166	328723	19.941	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.416	204	154772	19.687	ng/ul	99
63) 4-Nitroaniline	15.434	138	81826	23.555	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	63734	18.956	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	279961	20.052	ng/ul	95
68) 4-Bromophenyl-phenylether	16.310	248	91645	20.678	ng/ul	92
69) Hexachlorobenzene	16.422	284	97702	19.788	ng/ul	96
70) Atrazine	16.581	200	102559	19.748	ng/ul	95
71) Pentachlorophenol	16.769	266	67095	19.665	ng/ul	97
72) Phenanthrene	17.157	178	527122	19.912	ng/ul	99
74) Anthracene	17.245	178	522102	19.369	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	119823	19.156	ng/uL	98
76) Pentachlorobenzene	14.687	250	117786	18.701	ng/uL	96
77) Carbazole	17.516	167	493199	20.360	ng/ul	98
78) Di-n-butylphthalate	18.086	149	597379	19.829	ng/ul	99
80) Fluoranthene	19.169	202	617921	20.410	ng/ul	99
82) Pyrene	19.533	202	655847	19.900	ng/ul	98
83) Butylbenzylphthalate	20.439	149	269602	19.834	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.257	252	205955	23.623	ng/ul	99
85) Benzo(a)anthracene	21.333	228	638125	19.559	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.263	149	399646	20.240	ng/ul	100
87) Chrysene	21.392	228	600342	19.116	ng/ul	95
89) Di-n-octyl phthalate	22.380	149	650513	19.309	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	618551	20.146	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	603792	19.486	ng/ul	98
93) Benzo(a)pyrene	24.174	252	583645	19.914	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.662	276	690153	19.286	ng/ul	97
95) Dibenzo(a,h)anthracene	27.715	278	559232	19.603	ng/ul	97
96) Benzo(g,h,i)perylene	28.698	276	518375m	18.603	ng/ul	

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

