

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032025\
 Data File : BN036689.D
 Acq On : 20 Mar 2025 09:59
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020362

Quant Time: Mar 20 13:17:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 20 13:16:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	71587	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	329201	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.346	164	229755	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	481557	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	485335	20.000	ng/u1	0.00
88) Perylene-d12	24.286	264	478830	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15694	8.523	ng/uL	0.00
4) Pyridine-d5	3.599	84	115480	20.517	ng/u1	0.00
7) Phenol-d5	6.875	99	132328	19.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	99635	20.482	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	101665	21.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	111387	19.730	ng/u1	0.00
21) Nitrobenzene-d5	8.858	128	53570	20.586	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	56718	20.630	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	105495	21.156	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	153048	19.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	367732	21.282	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	399981	20.723	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	68781	20.096	ng/u1	0.00
60) Fluorene-d10	15.345	176	304959	20.925	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	65649	19.922	ng/u1	0.00
73) Anthracene-d10	17.192	188	481811	20.332	ng/u1	0.00
81) Pyrene-d10	19.486	212	547591	20.653	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	538104	22.554	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	16243	7.866	ng/uL	94
5) Pyridine	3.623	79	117082	19.939	ng/u1	95
6) Benzaldehyde	6.846	77	100592	24.958	ng/u1	96
8) Phenol	6.905	94	143481	19.574	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.128	93	113965	19.908	ng/u1	98
12) 2-Chlorophenol	7.269	128	106024	20.905	ng/u1	99
13) 2-Methylphenol	8.146	108	103774	19.655	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	226358	20.603	ng/u1	99
16) Acetophenone	8.522	105	189987	19.798	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.511	70	110185	20.444	ng/u1	95
18) 4-Methylphenol	8.475	108	117916	19.554	ng/u1	100
19) Hexachloroethane	8.775	117	50468	21.646	ng/u1	94
22) Nitrobenzene	8.899	77	162712	20.673	ng/u1	99
23) Isophorone	9.428	82	292232	19.937	ng/u1	98
25) 2-Nitrophenol	9.605	139	63717	20.811	ng/u1	87
26) 2,4-Dimethylphenol	9.675	107	132459	20.470	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.910	93	165880	20.072	ng/u1	98
29) 2,4-Dichlorophenol	10.140	162	106138	20.751	ng/u1	99
30) Naphthalene	10.540	128	367399	20.182	ng/u1	99
32) 4-Chloroaniline	10.652	127	146645	19.677	ng/u1	98
33) Hexachlorobutadiene	10.828	225	69688	20.684	ng/u1	98
34) Caprolactam	11.422	113	39576m	18.680	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	135636	20.910	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	262604	20.722	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	260774	20.407	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	132013	20.490	ng/ul	96
40) Hexachlorocyclopentadiene	12.510	237	79899	21.014	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	86577	20.429	ng/ul	93
42) 2,4,5-Trichlorophenol	12.846	196	96839	20.855	ng/ul	95
43) 1,1'-Biphenyl	13.181	154	352941	20.800	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	273563	20.792	ng/ul	99
45) 2-Nitroaniline	13.422	65	112548	21.309	ng/ul	97
47) Dimethylphthalate	13.810	163	360863	20.711	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	72485	21.308	ng/ul	97
50) Acenaphthylene	14.069	152	427807	20.479	ng/ul	100
51) 3-Nitroaniline	14.251	138	73901	20.117	ng/ul	90
52) Acenaphthene	14.410	153	314794	20.901	ng/ul	95
53) 2,4-Dinitrophenol	14.457	184	44407	18.985	ng/ul	87
55) 4-Nitrophenol	14.563	109	74451	22.097	ng/ul	97
56) Dibenzofuran	14.745	168	426986	20.574	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	108626	20.853	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.975	232	81759	21.063	ng/ul	95
59) Diethylphthalate	15.181	149	389653	21.528	ng/ul	99
61) Fluorene	15.398	166	357962	20.868	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.393	204	169405	20.707	ng/ul	95
63) 4-Nitroaniline	15.416	138	79306	21.939	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.481	198	70207	19.820	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	299068	20.332	ng/ul	98
68) 4-Bromophenyl-phenylether	16.287	248	96274	20.619	ng/ul	95
69) Hexachlorobenzene	16.404	284	105657	20.311	ng/ul	96
70) Atrazine	16.563	200	119606	21.860	ng/ul	91
71) Pentachlorophenol	16.745	266	71810	19.977	ng/ul	96
72) Phenanthrene	17.134	178	566207	20.301	ng/ul	99
74) Anthracene	17.228	178	586333	20.646	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	133933	20.324	ng/ul	95
76) Pentachlorobenzene	14.669	250	132768	20.008	ng/ul	97
77) Carbazole	17.498	167	531217	20.815	ng/ul	99
78) Di-n-butylphthalate	18.069	149	682896	21.516	ng/ul	99
80) Fluoranthene	19.157	202	667516	21.514	ng/ul	99
82) Pyrene	19.516	202	719007	21.288	ng/ul	98
83) Butylbenzylphthalate	20.428	149	308718	22.162	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	194525	21.772	ng/ul	100
85) Benzo(a)anthracene	21.310	228	673366	20.139	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	462151	22.839	ng/ul	99
87) Chrysene	21.375	228	644508	20.025	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	735005	22.823	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	638478	21.754	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	648701	21.901	ng/ul	98
93) Benzo(a)pyrene	24.139	252	597616	21.331	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.610	276	713802	20.867	ng/ul	97
95) Dibenzo(a,h)anthracene	27.657	278	572100	20.979	ng/ul	98
96) Benzo(g,h,i)perylene	28.633	276	546874	20.531	ng/ul	99

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

