

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032025\
 Data File : BN036696.D
 Acq On : 20 Mar 2025 15:44
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020363

Quant Time: Mar 20 17:01:56 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	7.699	152	87652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	409012	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	282006	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	587450	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	592140	20.000	ng/u1	0.00
88) Perylene-d12	24.298	264	626561	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	18723	8.304	ng/uL	0.00
4) Pyridine-d5	3.599	84	143126	20.769	ng/u1	0.00
7) Phenol-d5	6.869	99	169226	20.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	122350	20.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	124638	21.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	136540	19.753	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	66835	20.672	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	70240	20.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	128843	20.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	190011	19.860	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	436925	20.602	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	494020	20.853	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	83637	19.909	ng/u1	0.00
60) Fluorene-d10	15.345	176	374264	20.923	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	76852	19.118	ng/u1	0.00
73) Anthracene-d10	17.192	188	591712	20.469	ng/u1	0.00
81) Pyrene-d10	19.492	212	691409	21.374	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	663006	21.237	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	20163	7.975	ng/uL	95
5) Pyridine	3.616	79	147771	20.553	ng/u1	99
6) Benzaldehyde	6.846	77	126570	25.648	ng/u1	98
8) Phenol	6.899	94	176814	19.700	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.128	93	145306	20.731	ng/u1	99
12) 2-Chlorophenol	7.263	128	130842	21.070	ng/u1	99
13) 2-Methylphenol	8.146	108	128825	19.928	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	281551	20.930	ng/u1	99
16) Acetophenone	8.522	105	237705	20.231	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.510	70	133286	20.198	ng/u1	96
18) 4-Methylphenol	8.475	108	146066	19.782	ng/u1	93
19) Hexachloroethane	8.775	117	61121	21.411	ng/u1	94
22) Nitrobenzene	8.893	77	200505	20.504	ng/u1	96
23) Isophorone	9.422	82	360428	19.792	ng/u1	99
25) 2-Nitrophenol	9.604	139	79004	20.769	ng/u1	93
26) 2,4-Dimethylphenol	9.669	107	162440	20.205	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.904	93	208465	20.303	ng/u1	98
29) 2,4-Dichlorophenol	10.134	162	131674	20.721	ng/u1	99
30) Naphthalene	10.540	128	458521	20.273	ng/u1	100
32) 4-Chloroaniline	10.651	127	184259	19.899	ng/u1	99
33) Hexachlorobutadiene	10.828	225	84983	20.302	ng/u1	99
34) Caprolactam	11.416	113	48900m	18.577	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	163771	20.320	ng/u1	95
36) 2-Methylnaphthalene	12.157	142	323077	20.519	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	324455	20.436	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.528	216	164357	20.784	ng/ul	97
40) Hexachlorocyclopentadiene	12.510	237	99350	21.288	ng/ul	97
41) 2,4,6-Trichlorophenol	12.775	196	106773	20.526	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	120496	21.142	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	432257	20.754	ng/ul	97
44) 2-Chloronaphthalene	13.216	162	333708	20.664	ng/ul	100
45) 2-Nitroaniline	13.422	65	138517	21.367	ng/ul	97
47) Dimethylphthalate	13.810	163	435120	20.346	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	87649	20.992	ng/ul	99
50) Acenaphthylene	14.069	152	524705	20.463	ng/ul	99
51) 3-Nitroaniline	14.251	138	90295	20.025	ng/ul	94
52) Acenaphthene	14.410	153	375943	20.336	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	51530	17.948	ng/ul	91
55) 4-Nitrophenol	14.563	109	87166	21.077	ng/ul	96
56) Dibenzofuran	14.751	168	526633	20.674	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	135999	21.271	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.975	232	102625	21.540	ng/ul	98
59) Diethylphthalate	15.181	149	463849	20.879	ng/ul	99
61) Fluorene	15.398	166	433078	20.569	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.398	204	205226	20.438	ng/ul	98
63) 4-Nitroaniline	15.422	138	95629	21.553	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	86659	20.055	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	370906	20.671	ng/ul	95
68) 4-Bromophenyl-phenylether	16.292	248	117868	20.693	ng/ul	98
69) Hexachlorobenzene	16.404	284	127549	20.100	ng/ul	99
70) Atrazine	16.563	200	142695	21.378	ng/ul	94
71) Pentachlorophenol	16.745	266	87966	20.060	ng/ul	97
72) Phenanthrene	17.139	178	703286	20.671	ng/ul	99
74) Anthracene	17.228	178	707002	20.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	166769	20.745	ng/uL	96
76) Pentachlorobenzene	14.669	250	161495	19.950	ng/uL	95
77) Carbazole	17.498	167	640295	20.567	ng/ul	100
78) Di-n-butylphthalate	18.069	149	820777	21.198	ng/ul	100
80) Fluoranthene	19.157	202	812982	21.476	ng/ul	98
82) Pyrene	19.522	202	871175	21.141	ng/ul	99
83) Butylbenzylphthalate	20.427	149	374399	22.029	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	236382	21.685	ng/ul	95
85) Benzo(a)anthracene	21.316	228	860732	21.100	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	572056	23.171	ng/ul	99
87) Chrysene	21.380	228	799182	20.352	ng/ul	98
89) Di-n-octyl phthalate	22.368	149	932104	22.119	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	808829	21.061	ng/ul	97
91) Benzo(k)fluoranthene	23.415	252	817345	21.088	ng/ul	96
93) Benzo(a)pyrene	24.151	252	765714	20.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.615	276	932116	20.824	ng/ul	98
95) Dibenzo(a,h)anthracene	27.674	278	751325	21.055	ng/ul	96
96) Benzo(g,h,i)perylene	28.650	276	710699	20.390	ng/ul	98

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

