

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052025\
 Data File : BN037072.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020370

Quant Time: May 21 12:27:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 16 16:51:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	57298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	256942	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	179624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	374535	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	361020	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	338194	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	11585	8.218	ng/uL	0.00
4) Pyridine-d5	3.505	84	87970	19.939	ng/u1	0.00
7) Phenol-d5	6.781	99	99395	19.404	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	76873	20.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	74838	20.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	84140	20.238	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	39543	20.015	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	42702	20.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	80333	20.815	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	120440	20.880	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	271361	21.008	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	304127	20.672	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	48298	18.696	ng/u1	0.00
60) Fluorene-d10	15.257	176	233379	21.516	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	43928	17.827	ng/u1	0.00
73) Anthracene-d10	17.110	188	382648	20.909	ng/u1	0.00
81) Pyrene-d10	19.410	212	420787	21.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	362227	21.435	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	12767	8.095	ng/uL#	85
5) Pyridine	3.523	79	92959	20.124	ng/u1	93
6) Benzaldehyde	6.752	77	70038	26.594	ng/u1	98
8) Phenol	6.811	94	107722	19.770	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.040	93	84395	19.636	ng/u1	98
12) 2-Chlorophenol	7.175	128	80274	20.331	ng/u1	97
13) 2-Methylphenol	8.058	108	76578	19.582	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	171684	19.803	ng/u1	99
16) Acetophenone	8.428	105	142406	20.867	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.416	70	82723	21.012	ng/u1	96
18) 4-Methylphenol	8.381	108	89158	20.303	ng/u1	95
19) Hexachloroethane	8.681	117	41408	21.986	ng/u1	93
22) Nitrobenzene	8.805	77	129764	20.924	ng/u1	99
23) Isophorone	9.328	82	216607	20.594	ng/u1	99
25) 2-Nitrophenol	9.510	139	47862	20.636	ng/u1#	94
26) 2,4-Dimethylphenol	9.575	107	106506	21.195	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.816	93	125536	20.481	ng/u1	97
29) 2,4-Dichlorophenol	10.040	162	83664	21.350	ng/u1	99
30) Naphthalene	10.440	128	283543	20.657	ng/u1	99
32) 4-Chloroaniline	10.557	127	112973	20.372	ng/u1	98
33) Hexachlorobutadiene	10.728	225	57792	22.397	ng/u1	95
34) Caprolactam	11.322	113	26068m	19.484	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	103508	21.640	ng/u1	94
36) 2-Methylnaphthalene	12.063	142	203155	21.469	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	207433	21.834	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	106056	20.875	ng/ul	100
40) Hexachlorocyclopentadiene	12.416	237	57638	19.688	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	68327	20.915	ng/ul	95
42) 2,4,5-Trichlorophenol	12.751	196	75737	21.306	ng/ul	95
43) 1,1'-Biphenyl	13.093	154	267750	20.614	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	212973	21.006	ng/ul	98
45) 2-Nitroaniline	13.340	65	89013	20.745	ng/ul	96
47) Dimethylphthalate	13.728	163	273103	21.075	ng/ul	99
48) 2,6-Dinitrotoluene	13.846	165	52679	20.920	ng/ul	98
50) Acenaphthylene	13.981	152	320970	20.870	ng/ul	99
51) 3-Nitroaniline	14.169	138	57041	21.436	ng/ul	100
52) Acenaphthene	14.328	153	240962	21.118	ng/ul	97
53) 2,4-Dinitrophenol	14.381	184	27753	16.500	ng/ul	94
55) 4-Nitrophenol	14.481	109	61963	22.075	ng/ul	92
56) Dibenzofuran	14.663	168	328911	21.020	ng/ul	95
57) 2,4-Dinitrotoluene	14.634	165	81234	21.293	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.893	232	61770	20.628	ng/ul	95
59) Diethylphthalate	15.098	149	298190	21.787	ng/ul	96
61) Fluorene	15.316	166	271826	21.170	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	132335	21.782	ng/ul	95
63) 4-Nitroaniline	15.334	138	56927	22.557	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.398	198	47730	17.967	ng/ul	91
67) N-Nitrosodiphenylamine	15.528	169	228849	20.025	ng/ul	99
68) 4-Bromophenyl-phenylether	16.210	248	72527	20.087	ng/ul	98
69) Hexachlorobenzene	16.322	284	76439	19.620	ng/ul	99
70) Atrazine	16.487	200	84995	20.122	ng/ul	97
71) Pentachlorophenol	16.663	266	53649	19.251	ng/ul	91
72) Phenanthrene	17.051	178	426221	20.105	ng/ul	99
74) Anthracene	17.145	178	441202	20.420	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	105140	19.433	ng/ul	98
76) Pentachlorobenzene	14.587	250	99411	20.306	ng/ul	97
77) Carbazole	17.416	167	399593	20.296	ng/ul	99
78) Di-n-butylphthalate	17.986	149	520024	20.739	ng/ul	98
80) Fluoranthene	19.075	202	495359	21.162	ng/ul	96
82) Pyrene	19.439	202	538278	21.431	ng/ul	98
83) Butylbenzylphthalate	20.351	149	230527	21.590	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.151	252	137365	20.863	ng/ul	97
85) Benzo(a)anthracene	21.222	228	508379	21.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	348459	21.720	ng/ul	99
87) Chrysene	21.280	228	478292	21.026	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	535634	18.821	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	438237	20.754	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	458222	21.473	ng/ul	95
93) Benzo(a)pyrene	23.980	252	397695	20.816	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.339	276	434903	21.284	ng/ul	99
95) Dibenzo(a,h)anthracene	27.398	278	356925	21.516	ng/ul	97
96) Benzo(g,h,i)perylene	28.339	276	328485	21.273	ng/ul	97

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

