

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080625\
 Data File : BN037570.D
 Acq On : 06 Aug 2025 13:50
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020

Quant Time: Aug 06 15:50:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 18 16:22:45 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
2	1,4-Dioxane	0.469	0.436	7.0	73	0.00
3 S	1,4-Dioxane-d8	0.422	0.408	3.3	76	0.00
4 S	Pyridine-d5	1.217	1.151	5.4	75	0.00
5	Pyridine	1.251	1.207	3.5	75	0.00
6	Benzaldehyde	0.686	0.897	-30.8#	79	0.00
7 S	Phenol-d5	1.474	1.408	4.5	76	0.00
8	Phenol	1.515	1.462	3.5	77	0.00
9 S	Bis-(2-Chloroethyl)ether-d8	0.892	0.875	1.9	79	0.00
10	Bis(2-Chloroethyl)ether	1.231	1.178	4.3	76	0.00
11 S	2-Chlorophenol-d4	1.255	1.231	1.9	78	0.00
12	2-Chlorophenol	1.279	1.292	-1.0	81	0.00
13	2-Methylphenol	1.145	1.099	4.0	77	0.00
14	2,2'-oxybis(1-Chloropropane	1.781	1.781	0.0	80	0.00
15 S	4-Methylphenol-d8	1.212	1.189	1.9	78	0.00
16	Acetophenone	1.896	2.020	-6.5	82	0.00
17 P	N-Nitroso-di-n-propylamine	0.881	0.913	-3.6	80	0.00
18	4-Methylphenol	1.237	1.223	1.1	78	-0.01
19	Hexachloroethane	0.548	0.607	-10.8	88	0.00
20 I	Naphthalene-d8	1.000	1.000	0.0	81	0.00
21 S	Nitrobenzene-d5	0.150	0.151	-0.7	80	0.00
22	Nitrobenzene	0.342	0.360	-5.3	86	0.00
23	Isophorone	0.625	0.626	-0.2	79	0.00
24 S	2-Nitrophenol-d4	0.138	0.131	5.1	77	0.00
25 C	2-Nitrophenol	0.158	0.152	3.8	77	0.00
26	2,4-Dimethylphenol	0.333	0.355	-6.6	84	-0.01
27	Bis(2-Chloroethoxy)methane	0.406	0.396	2.5	78	0.00
28 S	2,4-Dichlorophenol-d3	0.288	0.289	-0.3	79	0.00
29 C	2,4-Dichlorophenol	0.290	0.299	-3.1	82	0.00
30	Naphthalene	1.064	1.072	-0.8	81	-0.01
31 S	4-Chloroaniline-d4	0.428	0.434	-1.4	81	0.00
32	4-Chloroaniline	0.429	0.440	-2.6	81	0.00
33 C	Hexachlorobutadiene	0.200	0.221	-10.5	93	0.00
34	Caprolactam	0.092	0.088	4.3	76	-0.01
35 C	4-Chloro-3-methylphenol	0.299	0.324	-8.4	83	0.00
36	2-Methylnaphthalene	0.726	0.748	-3.0	81	0.00
37	1-Methylnaphthalene	0.713	0.744	-4.3	81	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	88	0.00
39	1,2,4,5-Tetrachlorobenzene	0.597	0.575	3.7	86	0.00
40	Hexachlorocyclopentadiene	0.380	0.372	2.1	95	0.00
41 C	2,4,6-Trichlorophenol	0.352	0.334	5.1	81	0.00
42	2,4,5-Trichlorophenol	0.400	0.392	2.0	86	0.00
43	1,1'-Biphenyl	1.505	1.474	2.1	86	0.00
44	2-Chloronaphthalene	1.167	1.125	3.6	85	0.00
45	2-Nitroaniline	0.279	0.289	-3.6	88	0.00
46 S	Dimethylphthalate-d6	1.420	1.402	1.3	85	0.00
47	Dimethylphthalate	1.399	1.434	-2.5	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2,6-Dinitrotoluene	0.266	0.269	-1.1	85	0.00
49 S	Acenaphthylene-d8	1.666	1.661	0.3	86	0.00
50	Acenaphthylene	1.905	1.910	-0.3	87	0.00
51	3-Nitroaniline	0.263	0.285	-8.4	87	0.00
52 C	Acenaphthene	1.237	1.268	-2.5	90	0.00
53	2,4-Dinitrophenol	0.139	0.117	15.8	92	0.00
54 S	4-Nitrophenol-d4	0.270	0.270	0.0	88	-0.01
55	4-Nitrophenol	0.193	0.243	-25.9#	109	0.00
56	Dibenzofuran	1.715	1.764	-2.9	88	0.00
57	2,4-Dinitrotoluene	0.389	0.428	-10.0	90	-0.01
58	2,3,4,6-Tetrachlorophenol	0.313	0.329	-5.1	89	0.00
59	Diethylphthalate	1.406	1.501	-6.8	91	-0.01
60 S	Fluorene-d10	1.226	1.262	-2.9	89	0.00
61	Fluorene	1.401	1.518	-8.4	93	0.00
62	4-Chlorophenyl-phenylether	0.685	0.745	-8.8	93	0.00
63	4-Nitroaniline	0.250	0.317	-26.8#	95	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.01
65 S	4,6-Dinitro-2-methylphenol-	0.111	0.096	13.5	93	0.00
66	4,6-Dinitro-2-methylphenol	0.119	0.106	10.9	90	0.00
67	N-Nitrosodiphenylamine	0.622	0.621	0.2	90	0.00
68	4-Bromophenyl-phenylether	0.221	0.220	0.5	91	0.00
69	Hexachlorobenzene	0.262	0.264	-0.8	92	0.00
70	Atrazine	0.224	0.228	-1.8	93	0.00
71 C	Pentachlorophenol	0.162	0.150	7.4	93	0.00
72	Phenanthrene	1.135	1.169	-3.0	92	0.00
73 S	Anthracene-d10	0.984	1.026	-4.3	92	0.00
74	Anthracene	1.153	1.198	-3.9	92	0.00
75	1,2,3,4-Tetrachlorobenzene	0.320	0.286	10.6	85	0.00
76	Pentachlorobenzene	0.313	0.299	4.5	88	0.00
77	Carbazole	1.019	1.088	-6.8	95	0.00
78	Di-n-butylphthalate	1.227	1.329	-8.3	95	0.00
79 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
80	Fluoranthene	1.247	1.159	7.1	95	-0.01
81 S	Pyrene-d10	1.051	0.996	5.2	97	0.00
82	Pyrene	1.302	1.263	3.0	100	0.00
83	Butylbenzylphthalate	0.452	0.450	0.4	103	0.00
84	3,3'-Dichlorobenzidine	0.381	0.377	1.0	101	0.00
85	Benzo(a)anthracene	1.300	1.320	-1.5	104	0.00
86	Bis(2-ethylhexyl)phthalate	0.750	0.765	-2.0	105	-0.01
87	Chrysene	1.234	1.269	-2.8	104	0.00
88 I	Perylene-d12	1.000	1.000	0.0	109	-0.01
89	Di-n-octyl phthalate	1.232	1.077	12.6	105	-0.02
90	Benzo(b)fluoranthene	1.175	1.202	-2.3	108	-0.01
91	Benzo(k)fluoranthene	1.220	1.183	3.0	106	-0.01
92 S	Benzo(a)pyrene-d12	1.009	1.019	-1.0	108	-0.01
93 C	Benzo(a)pyrene	1.128	1.145	-1.5	106	-0.01

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94	Indeno(1,2,3-cd)pyrene	1.431	1.473	-2.9	110	0.00
95	Dibenzo(a,h)anthracene	1.194	1.237	-3.6	110	-0.02
96	Benzo(g,h,i)perylene	1.158	1.202	-3.8	109	-0.03

(#) = Out of Range

SPCC's out = 0 CCC's out = 0