

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086168.D
 Acq On : 31 Mar 2025 14:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 01:35:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	127	0.00
2 T	Dichlorodifluoromethane	50.000	47.192	5.6	124	0.00
3 P	Chloromethane	50.000	43.061	13.9	114	0.00
4 C	Vinyl Chloride	50.000	41.433	17.1#	106	0.00
5 T	Bromomethane	50.000	40.504	19.0	109	0.00
6 T	Chloroethane	50.000	40.731	18.5	118	0.00
7 T	Trichlorofluoromethane	50.000	42.430	15.1	118	0.00
8 T	Diethyl Ether	50.000	45.463	9.1	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.901	8.2	129	0.00
10 T	Methyl Iodide	50.000	46.663	6.7	121	0.00
11 T	Tert butyl alcohol	250.000	175.128	29.9#	92	0.00
12 CM	1,1-Dichloroethene	50.000	47.849	4.3#	121	0.00
13 T	Acrolein	250.000	235.791	5.7	124	0.00
14 T	Allyl chloride	50.000	45.529	8.9	120	0.00
15 T	Acrylonitrile	250.000	219.749	12.1	116	0.00
16 T	Acetone	250.000	238.593	4.6	131	0.00
17 T	Carbon Disulfide	50.000	43.751	12.5	124	0.00
18 T	Methyl Acetate	50.000	41.986	16.0	118	0.00
19 T	Methyl tert-butyl Ether	50.000	44.409	11.2	112	0.00
20 T	Methylene Chloride	50.000	44.310	11.4	122	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.100	7.8	123	0.00
22 T	Diisopropyl ether	50.000	50.069	-0.1	126	0.00
23 T	Vinyl Acetate	250.000	241.619	3.4	119	0.00
24 P	1,1-Dichloroethane	50.000	45.766	8.5	123	0.00
25 T	2-Butanone	250.000	227.008	9.2	120	0.00
26 T	2,2-Dichloropropane	50.000	43.818	12.4	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.295	5.4	121	0.00
28 T	Bromochloromethane	50.000	50.118	-0.2	138	0.00
29 T	Tetrahydrofuran	250.000	228.386	8.6	112	0.00
30 C	Chloroform	50.000	43.550	12.9#	121	0.00
31 T	Cyclohexane	50.000	46.815	6.4	127	0.00
32 T	1,1,1-Trichloroethane	50.000	42.584	14.8	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.314	13.4	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	123	0.00
35 S	Dibromofluoromethane	50.000	47.038	5.9	121	0.00
36 T	1,1-Dichloropropene	50.000	48.688	2.6	121	0.00
37 T	Ethyl Acetate	50.000	44.146	11.7	115	0.00
38 T	Carbon Tetrachloride	50.000	44.741	10.5	115	0.00
39 T	Methylcyclohexane	50.000	52.061	-4.1	123	0.00
40 TM	Benzene	50.000	48.395	3.2	124	0.00
41 T	Methacrylonitrile	50.000	52.237	-4.5	124	0.00
42 TM	1,2-Dichloroethane	50.000	43.638	12.7	114	0.00
43 T	Isopropyl Acetate	50.000	34.368	31.3#	104	0.00
44 TM	Trichloroethene	50.000	44.657	10.7	119	0.00
45 C	1,2-Dichloropropane	50.000	50.632	-1.3#	128	0.00
46 T	Dibromomethane	50.000	45.876	8.2	120	0.00
47 T	Bromodichloromethane	50.000	45.824	8.4	118	0.00
48 T	Methyl methacrylate	50.000	48.586	2.8	115	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	910.445	9.0	107	0.00
50 S	Toluene-d8	50.000	48.711	2.6	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.441	3.4	115	0.00
52 CM	Toluene	50.000	50.513	-1.0#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	48.558	2.9	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.802	2.4	117	0.00
55 T	1,1,2-Trichloroethane	50.000	48.060	3.9	123	0.00
56 T	Ethyl methacrylate	50.000	46.204	7.6	112	0.00
57 T	1,3-Dichloropropane	50.000	48.018	4.0	120	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.459	-1.8	119	0.00
59 T	2-Hexanone	250.000	249.856	0.1	117	0.00
60 T	Dibromochloromethane	50.000	46.863	6.3	117	0.00
61 T	1,2-Dibromoethane	50.000	47.114	5.8	115	0.00
62 S	4-Bromofluorobenzene	50.000	49.931	0.1	119	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	126	0.00
64 T	Tetrachloroethene	50.000	46.524	7.0	126	0.00
65 PM	Chlorobenzene	50.000	45.618	8.8	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.865	10.3	118	0.00
67 C	Ethyl Benzene	50.000	49.256	1.5#	119	0.00
68 T	m/p-Xylenes	100.000	101.259	-1.3	122	0.00
69 T	o-Xylene	50.000	50.311	-0.6	118	0.00
70 T	Styrene	50.000	51.695	-3.4	121	0.00
71 P	Bromoform	50.000	43.067	13.9	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	134	0.00
73 T	Isopropylbenzene	50.000	46.460	7.1	118	0.00
74 T	N-amyl acetate	50.000	45.155	9.7	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.014	20.0	118	0.00
76 T	1,2,3-Trichloropropane	50.000	43.175	13.7	112	0.00
77 T	Bromobenzene	50.000	43.739	12.5	123	0.00
78 T	n-propylbenzene	50.000	48.623	2.8	121	0.00
79 T	2-Chlorotoluene	50.000	45.982	8.0	121	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.632	4.7	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.942	12.1	121	0.00
82 T	4-Chlorotoluene	50.000	45.625	8.8	120	0.00
83 T	tert-Butylbenzene	50.000	45.470	9.1	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.365	3.3	121	0.00
85 T	sec-Butylbenzene	50.000	49.052	1.9	120	0.00
86 T	p-Isopropyltoluene	50.000	50.081	-0.2	120	0.00
87 T	1,3-Dichlorobenzene	50.000	45.633	8.7	125	0.00
88 T	1,4-Dichlorobenzene	50.000	43.088	13.8	125	0.00
89 T	n-Butylbenzene	50.000	50.045	-0.1	123	0.00
90 T	Hexachloroethane	50.000	42.347	15.3	123	0.00
91 T	1,2-Dichlorobenzene	50.000	42.944	14.1	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.902	22.2	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.944	14.1	116	0.00
94 T	Hexachlorobutadiene	50.000	40.411	19.2	122	0.00
95 T	Naphthalene	50.000	40.837	18.3	104	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.978	12.0	116	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6