

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079569.D
 Acq On : 13 Oct 2023 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 13 23:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	41.336	17.3	79	0.00
3 P	Chloromethane	50.000	37.747	24.5	77	0.00
4 C	Vinyl Chloride	50.000	41.105	17.8#	81	0.00
5 T	Bromomethane	50.000	39.924	20.2	85	0.00
6 T	Chloroethane	50.000	37.324	25.4#	81	0.00
7 T	Trichlorofluoromethane	50.000	43.490	13.0	89	0.00
8 T	Diethyl Ether	50.000	45.236	9.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.815	16.4	89	0.00
10 T	Methyl Iodide	50.000	54.477	-9.0	94	0.00
11 T	Tert butyl alcohol	250.000	174.653	30.1#	70	-0.01
12 CM	1,1-Dichloroethene	50.000	43.078	13.8#	86	0.00
13 T	Acrolein	250.000	179.918	28.0#	70	0.00
14 T	Allyl chloride	50.000	41.604	16.8	84	0.00
15 T	Acrylonitrile	250.000	208.598	16.6	80	0.00
16 T	Acetone	250.000	213.821	14.5	83	0.00
17 T	Carbon Disulfide	50.000	38.840	22.3	80	0.00
18 T	Methyl Acetate	50.000	38.037	23.9	79	0.00
19 T	Methyl tert-butyl Ether	50.000	46.160	7.7	88	0.00
20 T	Methylene Chloride	50.000	45.452	9.1	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	40.811	18.4	86	0.00
22 T	Diisopropyl ether	50.000	46.725	6.5	89	0.00
23 T	Vinyl Acetate	250.000	228.755	8.5	83	0.00
24 P	1,1-Dichloroethane	50.000	44.188	11.6	90	0.00
25 T	2-Butanone	250.000	205.939	17.6	77	0.00
26 T	2,2-Dichloropropane	50.000	47.408	5.2	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.539	8.9	91	0.00
28 T	Bromochloromethane	50.000	51.905	-3.8	99	0.00
29 T	Tetrahydrofuran	250.000	203.973	18.4	76	0.00
30 C	Chloroform	50.000	45.125	9.8#	92	0.00
31 T	Cyclohexane	50.000	40.615	18.8	86	0.00
32 T	1,1,1-Trichloroethane	50.000	44.643	10.7	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.190	3.6	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	50.401	-0.8	101	0.00
36 T	1,1-Dichloropropene	50.000	46.941	6.1	89	0.00
37 T	Ethyl Acetate	50.000	43.441	13.1	79	0.00
38 T	Carbon Tetrachloride	50.000	46.073	7.9	89	0.00
39 T	Methylcyclohexane	50.000	46.114	7.8	83	0.00
40 TM	Benzene	50.000	46.822	6.4	90	0.00
41 T	Methacrylonitrile	50.000	44.652	10.7	80	0.00
42 TM	1,2-Dichloroethane	50.000	45.988	8.0	91	0.00
43 T	Isopropyl Acetate	50.000	42.121	15.8	82	0.00
44 TM	Trichloroethene	50.000	45.584	8.8	89	0.00
45 C	1,2-Dichloropropane	50.000	46.524	7.0#	91	0.00
46 T	Dibromomethane	50.000	47.050	5.9	89	0.00
47 T	Bromodichloromethane	50.000	47.989	4.0	91	0.00
48 T	Methyl methacrylate	50.000	45.178	9.6	81	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	865.422	13.5	75	0.00
50 S	Toluene-d8	50.000	51.560	-3.1	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	220.018	12.0	79	0.00
52 CM	Toluene	50.000	48.780	2.4#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	49.377	1.2	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.725	0.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	47.568	4.9	91	0.00
56 T	Ethyl methacrylate	50.000	50.655	-1.3	84	0.00
57 T	1,3-Dichloropropane	50.000	48.696	2.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.477	-0.6	85	0.00
59 T	2-Hexanone	250.000	217.929	12.8	75	0.00
60 T	Dibromochloromethane	50.000	50.186	-0.4	92	0.00
61 T	1,2-Dibromoethane	50.000	46.370	7.3	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.175	-4.3	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	44.210	11.6	88	0.00
65 PM	Chlorobenzene	50.000	46.300	7.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.260	3.5	93	0.00
67 C	Ethyl Benzene	50.000	49.371	1.3#	88	0.00
68 T	m/p-Xylenes	100.000	101.743	-1.7	90	0.00
69 T	o-Xylene	50.000	49.359	1.3	88	0.00
70 T	Styrene	50.000	52.722	-5.4	89	0.00
71 P	Bromoform	50.000	46.137	7.7	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	42.953	14.1	88	0.00
74 T	N-amyl acetate	50.000	41.452	17.1	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.183	15.6	85	0.00
76 T	1,2,3-Trichloropropane	50.000	38.688	22.6	81	0.00
77 T	Bromobenzene	50.000	40.232	19.5	89	0.00
78 T	n-propylbenzene	50.000	45.194	9.6	88	0.00
79 T	2-Chlorotoluene	50.000	41.968	16.1	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.711	10.6	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.171	21.7	81	0.00
82 T	4-Chlorotoluene	50.000	42.916	14.2	87	0.00
83 T	tert-Butylbenzene	50.000	43.394	13.2	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.610	6.8	89	0.00
85 T	sec-Butylbenzene	50.000	44.619	10.8	87	0.00
86 T	p-Isopropyltoluene	50.000	47.447	5.1	88	0.00
87 T	1,3-Dichlorobenzene	50.000	44.159	11.7	87	0.00
88 T	1,4-Dichlorobenzene	50.000	41.685	16.6	86	0.00
89 T	n-Butylbenzene	50.000	49.150	1.7	87	0.00
90 T	Hexachloroethane	50.000	46.719	6.6	91	0.00
91 T	1,2-Dichlorobenzene	50.000	43.046	13.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	35.589	28.8#	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.130	9.7	74	0.00
94 T	Hexachlorobutadiene	50.000	40.708	18.6	85	0.00
95 T	Naphthalene	50.000	37.604	24.8	62	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	39.620	20.8	72	0.00

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