

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077606.D
 Acq On : 05 May 2023 21:43
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN050523

Quant Time: May 06 05:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 05:13:38 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	Bromochloromethane	30.000	30.000	0.0	102	0.00
2 M	Dichlorodifluoromethane	20.000	17.463	12.7	91	0.00
3 M	Chloromethane	20.000	18.883	5.6	100	0.00
4 M	Vinyl Chloride	20.000	17.967	10.2	95	0.00
5 M	Bromomethane	20.000	19.565	2.2	106	0.00
6 M	Chloroethane	20.000	17.617	11.9	95	0.00
7 M	Trichlorofluoromethane	20.000	18.436	7.8	99	0.00
8 T	Diethyl Ether	20.000	17.686	11.6	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.868	10.7	92	0.00
10 M	1,1-Dichloroethene	20.000	17.852	10.7	94	0.00
11	Methyl Iodide	20.000	16.654	16.7	90	-0.01
12	Methyl Acetate	20.000	18.845	5.8	97	0.00
13 M	Acrolein	100.000	84.228	15.8	88	0.00
14 M	Acrylonitrile	100.000	88.378	11.6	93	0.00
15 M	Acetone	100.000	101.800	-1.8	109	0.00
16 M	Carbon Disulfide	20.000	17.713	11.4	96	0.01
17	Allyl chloride	20.000	18.619	6.9	99	0.00
18 M	Methylene Chloride	20.000	17.450	12.8	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.646	11.8	91	0.00
20 T	Diisopropyl ether	20.000	18.007	10.0	94	0.00
21 M	1,1-Dichloroethane	20.000	18.079	9.6	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.305	13.5	91	0.00
23 M	tert-Butyl Alcohol	100.000	88.207	11.8	90	0.01
24 M	Methyl tert-Butyl Ether	20.000	17.656	11.7	92	0.01
25 M	Chloroform	20.000	17.794	11.0	92	0.00
26	Cyclohexane	20.000	17.562	12.2	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.231	-0.8	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	17.976	10.1	92	0.00
30 M	2-Butanone	100.000	95.617	4.4	98	0.00
31	2,2-Dichloropropane	20.000	17.139	14.3	89	0.00
32 M	1,1,1-Trichloroethane	20.000	17.726	11.4	93	0.00
33 M	Carbon Tetrachloride	20.000	17.391	13.0	90	0.00
34 M	Benzene	20.000	17.647	11.8	90	0.00
35	Methacrylonitrile	20.000	17.915	10.4	92	0.00
36 M	1,2-Dichloroethane	20.000	17.836	10.8	90	0.00
37 M	Trichloroethene	20.000	17.297	13.5	89	0.00
38	Methylcyclohexane	20.000	16.798	16.0	86	0.00
39 M	1,2-Dichloropropane	20.000	18.365	8.2	94	0.00
40	Dibromomethane	20.000	18.113	9.4	92	0.00
41 M	Bromodichloromethane	20.000	17.784	11.1	91	0.00
42 M	Vinyl Acetate	100.000	89.540	10.5	92	0.00
43	Ethyl Acetate	20.000	17.181	14.1	91	0.00
44	Isopropyl Acetate	20.000	18.115	9.4	94	0.00
45 T	1,4-Dioxane	400.000	355.660	11.1	93	0.00
46	Methyl methacrylate	20.000	18.382	8.1	95	0.00
47	n-amyl Acetate	20.000	17.206	14.0	91	0.00
48 M	t-1,3-Dichloropropene	20.000	17.247	13.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.491	12.5	92	0.00
50 M	1,1,2-Trichloroethane	20.000	17.719	11.4	92	0.00
51	Ethyl methacrylate	20.000	17.432	12.8	92	0.00
52	1,3-Dichloropropane	20.000	17.751	11.2	91	0.00
53 M	Dibromochloromethane	20.000	17.614	11.9	91	0.00
54 M	1,2-Dibromoethane	20.000	17.864	10.7	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.299	3.7	104	0.00
56 M	Bromoform	20.000	17.045	14.8	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.902	4.1	94	0.00
59 M	2-Hexanone	100.000	94.775	5.2	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.033	3.2	96	0.00
61 M	Tetrachloroethene	20.000	19.324	3.4	92	0.00
62 M	Toluene	20.000	18.119	9.4	90	0.00
63 S	Toluene-d8	30.000	30.710	-2.4	99	0.00
64 M	Chlorobenzene	20.000	18.134	9.3	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.729	6.4	89	0.00
66 M	Ethyl Benzene	20.000	17.723	11.4	87	0.00
67 M	m/p-Xylenes	40.000	35.694	10.8	88	0.00
68 M	o-Xylene	20.000	17.554	12.2	88	0.00
69 M	Styrene	20.000	17.290	13.6	85	0.00
70	Isopropylbenzene	20.000	17.339	13.3	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.365	8.2	92	0.00
72	1,2,3-Trichloropropane	20.000	18.709	6.5	92	0.00
73	Bromobenzene	20.000	17.749	11.3	88	0.00
74	n-propylbenzene	20.000	16.493	17.5	82	0.00
75	2-Chlorotoluene	20.000	16.786	16.1	83	0.00
76	1,3,5-Trimethylbenzene	20.000	15.884	20.6	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.477	12.6	93	0.00
78	4-Chlorotoluene	20.000	17.029	14.9	84	0.00
79	tert-butylbenzene	20.000	16.091	19.5	80	0.00
80	1,2,4-Trimethylbenzene	20.000	14.834	25.8#	76	0.00
81	sec-Butylbenzene	20.000	14.884	25.6#	74	0.00
82	p-Isopropyltoluene	20.000	14.839	25.8#	74	0.00
83 M	1,3-Dichlorobenzene	20.000	16.586	17.1	82	0.00
84 M	1,4-Dichlorobenzene	20.000	16.510	17.4	82	0.00
85	n-Butylbenzene	20.000	12.423	37.9#	66	0.00
86 T	Hexachloroethane	20.000	15.737	21.3	80	0.00
87 M	1,2-Dichlorobenzene	20.000	16.325	18.4	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.285	18.6	87	0.00
89	1,2,4-Trichlorobenzene	20.000	14.180	29.1#	71	0.00
90	Hexachlorobutadiene	20.000	10.354	48.2#	52	0.00
91 M	Naphthalene	20.000	14.235	28.8#	71	0.00
92	1,2,3-Trichlorobenzene	20.000	14.144	29.3#	69	0.00

(#) = Out of Range

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