

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083878.D
 Acq On : 13 Sep 2024 18:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 13 23:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	19.411	2.9	91	0.00
3 M	Chloromethane	20.000	19.399	3.0	91	0.00
4 M	Vinyl Chloride	20.000	19.375	3.1	91	0.00
5 M	Bromomethane	20.000	22.263	-11.3	103	0.05
6 M	Chloroethane	20.000	18.855	5.7	91	0.04
7 M	Trichlorofluoromethane	20.000	18.615	6.9	89	0.03
8 T	Diethyl Ether	20.000	18.010	9.9	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.770	6.2	91	0.01
10 M	1,1-Dichloroethene	20.000	18.329	8.4	88	0.02
11	Methyl Iodide	20.000	17.706	11.5	85	0.00
12	Methyl Acetate	20.000	20.507	-2.5	103	0.00
13 M	Acrolein	100.000	110.031	-10.0	95	0.00
14 M	Acrylonitrile	100.000	105.710	-5.7	102	0.01
15 M	Acetone	100.000	82.431	17.6	84	0.00
16 M	Carbon Disulfide	20.000	17.316	13.4	82	0.01
17	Allyl chloride	20.000	17.392	13.0	84	0.00
18 M	Methylene Chloride	20.000	18.663	6.7	88	0.02
19 M	trans-1,2-Dichloroethene	20.000	18.467	7.7	87	0.02
20 T	Diisopropyl ether	20.000	19.285	3.6	95	0.00
21 M	1,1-Dichloroethane	20.000	19.259	3.7	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.512	7.4	87	0.00
23 M	tert-Butyl Alcohol	100.000	117.014	-17.0	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.915	5.4	89	0.00
25 M	Chloroform	20.000	18.903	5.5	90	0.00
26	Cyclohexane	20.000	17.697	11.5	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.893	0.4	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	20.196	-1.0	92	0.00
30 M	2-Butanone	100.000	109.115	-9.1	101	0.00
31	2,2-Dichloropropane	20.000	17.943	10.3	83	0.00
32 M	1,1,1-Trichloroethane	20.000	20.139	-0.7	92	0.00
33 M	Carbon Tetrachloride	20.000	19.670	1.6	91	0.00
34 M	Benzene	20.000	20.112	-0.6	90	0.00
35	Methacrylonitrile	20.000	21.189	-5.9	94	0.00
36 M	1,2-Dichloroethane	20.000	20.187	-0.9	91	0.00
37 M	Trichloroethene	20.000	19.276	3.6	90	0.00
38	Methylcyclohexane	20.000	18.094	9.5	84	0.00
39 M	1,2-Dichloropropane	20.000	20.439	-2.2	93	0.00
40	Dibromomethane	20.000	20.457	-2.3	90	0.00
41 M	Bromodichloromethane	20.000	20.023	-0.1	92	0.00
42 M	Vinyl Acetate	100.000	95.874	4.1	94	0.00
43	Ethyl Acetate	20.000	21.668	-8.3	98	0.00
44	Isopropyl Acetate	20.000	21.710	-8.6	99	0.00
45 T	1,4-Dioxane	400.000	483.889	-21.0	103	0.00
46	Methyl methacrylate	20.000	21.483	-7.4	100	0.00
47	n-amyl Acetate	20.000	21.724	-8.6	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.464	7.7	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.122	4.4	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.985	-4.9	95	0.00
51	Ethyl methacrylate	20.000	20.242	-1.2	90	0.00
52	1,3-Dichloropropane	20.000	20.475	-2.4	93	0.00
53 M	Dibromochloromethane	20.000	19.879	0.6	93	0.00
54 M	1,2-Dibromoethane	20.000	20.680	-3.4	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.100	-5.1	86	0.00
56 M	Bromoform	20.000	19.877	0.6	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	117.921	-17.9	107	0.00
59 M	2-Hexanone	100.000	115.958	-16.0	107	0.00
60 S	4-Bromofluorobenzene	30.000	29.196	2.7	87	0.00
61 M	Tetrachloroethene	20.000	20.071	-0.4	96	0.00
62 M	Toluene	20.000	19.328	3.4	89	0.00
63 S	Toluene-d8	30.000	29.888	0.4	87	0.00
64 M	Chlorobenzene	20.000	19.228	3.9	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.034	4.8	89	0.00
66 M	Ethyl Benzene	20.000	18.729	6.4	89	0.00
67 M	m/p-Xylenes	40.000	38.753	3.1	91	0.00
68 M	o-Xylene	20.000	19.883	0.6	91	0.00
69 M	Styrene	20.000	19.115	4.4	89	0.00
70	Isopropylbenzene	20.000	18.627	6.9	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.469	-2.3	93	0.00
72	1,2,3-Trichloropropane	20.000	21.278	-6.4	97	0.00
73	Bromobenzene	20.000	18.861	5.7	88	0.00
74	n-propylbenzene	20.000	18.758	6.2	89	0.00
75	2-Chlorotoluene	20.000	18.852	5.7	88	0.00
76	1,3,5-Trimethylbenzene	20.000	19.047	4.8	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.987	10.1	86	0.00
78	4-Chlorotoluene	20.000	18.490	7.6	87	0.00
79	tert-butylbenzene	20.000	18.646	6.8	85	0.00
80	1,2,4-Trimethylbenzene	20.000	18.768	6.2	88	0.00
81	sec-Butylbenzene	20.000	18.674	6.6	90	0.00
82	p-Isopropyltoluene	20.000	18.599	7.0	89	0.00
83 M	1,3-Dichlorobenzene	20.000	18.232	8.8	86	0.00
84 M	1,4-Dichlorobenzene	20.000	17.506	12.5	82	0.00
85	n-Butylbenzene	20.000	17.293	13.5	85	0.00
86 T	Hexachloroethane	20.000	17.529	12.4	84	0.00
87 M	1,2-Dichlorobenzene	20.000	17.964	10.2	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.052	-0.3	93	0.00
89	1,2,4-Trichlorobenzene	20.000	16.096	19.5	77	0.00
90	Hexachlorobutadiene	20.000	17.366	13.2	85	0.00
91 M	Naphthalene	20.000	17.516	12.4	83	0.00
92	1,2,3-Trichlorobenzene	20.000	16.096	19.5	77	0.00

(#) = Out of Range

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