

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084882.D
 Acq On : 15 Nov 2024 20:24
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 15 22:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.041	9.8	82	0.00
3 M	Chloromethane	20.000	17.527	12.4	81	0.00
4 M	Vinyl Chloride	20.000	19.213	3.9	88	0.00
5 M	Bromomethane	20.000	18.195	9.0	80	0.00
6 M	Chloroethane	20.000	20.392	-2.0	94	0.00
7 M	Trichlorofluoromethane	20.000	19.562	2.2	88	0.00
8 T	Diethyl Ether	20.000	19.438	2.8	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.983	0.1	89	0.00
10 M	1,1-Dichloroethene	20.000	18.803	6.0	86	0.00
11	Methyl Iodide	20.000	16.068	19.7	74	-0.01
12	Methyl Acetate	20.000	17.827	10.9	87	0.00
13 M	Acrolein	100.000	114.665	-14.7	106	0.00
14 M	Acrylonitrile	100.000	102.757	-2.8	98	0.00
15 M	Acetone	100.000	102.091	-2.1	96	0.00
16 M	Carbon Disulfide	20.000	18.261	8.7	84	0.00
17	Allyl chloride	20.000	17.882	10.6	83	0.00
18 M	Methylene Chloride	20.000	18.871	5.6	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.580	7.1	86	0.00
20 T	Diisopropyl ether	20.000	19.336	3.3	88	0.00
21 M	1,1-Dichloroethane	20.000	19.174	4.1	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.667	6.7	88	0.00
23 M	tert-Butyl Alcohol	100.000	96.255	3.7	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.838	5.8	88	0.00
25 M	Chloroform	20.000	19.144	4.3	87	0.00
26	Cyclohexane	20.000	18.318	8.4	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.386	-1.3	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	18.772	6.1	85	0.00
30 M	2-Butanone	100.000	106.806	-6.8	101	0.00
31	2,2-Dichloropropane	20.000	18.511	7.4	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.154	4.2	86	0.00
33 M	Carbon Tetrachloride	20.000	19.013	4.9	87	0.00
34 M	Benzene	20.000	19.003	5.0	87	0.00
35	Methacrylonitrile	20.000	20.381	-1.9	96	0.00
36 M	1,2-Dichloroethane	20.000	19.822	0.9	89	0.00
37 M	Trichloroethene	20.000	18.347	8.3	83	0.00
38	Methylcyclohexane	20.000	17.588	12.1	84	0.00
39 M	1,2-Dichloropropane	20.000	19.514	2.4	89	0.00
40	Dibromomethane	20.000	19.532	2.3	88	0.00
41 M	Bromodichloromethane	20.000	18.752	6.2	87	0.00
42 M	Vinyl Acetate	100.000	95.917	4.1	90	0.00
43	Ethyl Acetate	20.000	20.529	-2.6	99	0.00
44	Isopropyl Acetate	20.000	18.240	8.8	90	0.00
45 T	1,4-Dioxane	400.000	400.256	-0.1	93	0.00
46	Methyl methacrylate	20.000	16.993	15.0	82	0.00
47	n-amyl Acetate	20.000	18.725	6.4	87	0.00
48 M	t-1,3-Dichloropropene	20.000	18.310	8.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.628	6.9	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.073	4.6	86	0.00
51	Ethyl methacrylate	20.000	18.199	9.0	88	0.00
52	1,3-Dichloropropane	20.000	19.473	2.6	88	0.00
53 M	Dibromochloromethane	20.000	18.899	5.5	88	0.00
54 M	1,2-Dibromoethane	20.000	19.615	1.9	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.835	3.2	87	0.00
56 M	Bromoform	20.000	19.192	4.0	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.037	-7.0	100	0.00
59 M	2-Hexanone	100.000	105.823	-5.8	100	0.00
60 S	4-Bromofluorobenzene	30.000	28.916	3.6	95	0.00
61 M	Tetrachloroethene	20.000	19.240	3.8	88	0.00
62 M	Toluene	20.000	19.158	4.2	89	0.00
63 S	Toluene-d8	30.000	30.127	-0.4	96	0.00
64 M	Chlorobenzene	20.000	18.700	6.5	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.562	7.2	85	0.00
66 M	Ethyl Benzene	20.000	18.031	9.8	86	0.00
67 M	m/p-Xylenes	40.000	37.990	5.0	89	0.00
68 M	o-Xylene	20.000	18.359	8.2	85	0.00
69 M	Styrene	20.000	18.601	7.0	88	0.00
70	Isopropylbenzene	20.000	18.554	7.2	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.633	-3.2	94	0.00
72	1,2,3-Trichloropropane	20.000	21.822	-9.1	91	0.00
73	Bromobenzene	20.000	18.027	9.9	84	0.00
74	n-propylbenzene	20.000	18.229	8.9	87	0.00
75	2-Chlorotoluene	20.000	18.820	5.9	89	0.00
76	1,3,5-Trimethylbenzene	20.000	18.698	6.5	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.811	10.9	84	0.00
78	4-Chlorotoluene	20.000	17.997	10.0	85	0.00
79	tert-butylbenzene	20.000	18.867	5.7	92	0.00
80	1,2,4-Trimethylbenzene	20.000	18.414	7.9	87	0.00
81	sec-Butylbenzene	20.000	18.244	8.8	88	0.00
82	p-Isopropyltoluene	20.000	17.547	12.3	85	0.00
83 M	1,3-Dichlorobenzene	20.000	17.916	10.4	84	0.00
84 M	1,4-Dichlorobenzene	20.000	17.093	14.5	82	0.00
85	n-Butylbenzene	20.000	14.609	27.0#	75	0.00
86 T	Hexachloroethane	20.000	16.856	15.7	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.071	14.6	78	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.279	-1.4	94	0.00
89	1,2,4-Trichlorobenzene	20.000	16.781	16.1	80	0.00
90	Hexachlorobutadiene	20.000	18.234	8.8	86	0.00
91 M	Naphthalene	20.000	16.515	17.4	85	0.00
92	1,2,3-Trichlorobenzene	20.000	16.781	16.1	80	0.00

(#) = Out of Range

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