

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034959.D
 Acq On : 06 Apr 2023 17:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 03:20:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	23.421	-17.1	120	0.00
3 M	Chloromethane	20.000	19.652	1.7	93	0.00
4 M	Vinyl Chloride	20.000	19.154	4.2	95	0.00
5 M	Bromomethane	20.000	13.862	30.7#	67	0.00
6 M	Chloroethane	20.000	17.630	11.9	88	0.00
7 M	Trichlorofluoromethane	20.000	17.354	13.2	89	0.00
8 T	Diethyl Ether	20.000	18.387	8.1	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.450	-2.2	107	0.00
10 M	1,1-Dichloroethene	20.000	18.289	8.6	94	0.00
11	Methyl Iodide	20.000	11.824	40.9#	61	0.00
12	Methyl Acetate	20.000	19.597	2.0	96	0.00
13 M	Acrolein	100.000	82.523	17.5	79	0.00
14 M	Acrylonitrile	100.000	96.023	4.0	93	0.00
15 M	Acetone	100.000	110.910	-10.9	108	0.00
16 M	Carbon Disulfide	20.000	16.087	19.6	86	0.00
17	Allyl chloride	20.000	18.271	8.6	93	0.00
18 M	Methylene Chloride	20.000	18.514	7.4	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.525	7.4	95	0.00
20 T	Diisopropyl ether	20.000	18.827	5.9	92	0.00
21 M	1,1-Dichloroethane	20.000	18.544	7.3	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.132	9.3	91	0.00
23 M	tert-Butyl Alcohol	100.000	90.929	9.1	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.761	6.2	93	0.00
25 M	Chloroform	20.000	18.953	5.2	97	0.00
26	Cyclohexane	20.000	18.614	6.9	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.593	-8.6	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	17.841	10.8	99	0.00
30 M	2-Butanone	100.000	95.125	4.9	97	0.00
31	2,2-Dichloropropane	20.000	17.729	11.4	98	0.00
32 M	1,1,1-Trichloroethane	20.000	17.962	10.2	99	0.00
33 M	Carbon Tetrachloride	20.000	17.724	11.4	101	0.00
34 M	Benzene	20.000	17.516	12.4	91	0.00
35	Methacrylonitrile	20.000	18.599	7.0	97	0.00
36 M	1,2-Dichloroethane	20.000	18.375	8.1	98	0.00
37 M	Trichloroethene	20.000	17.942	10.3	97	0.00
38	Methylcyclohexane	20.000	17.622	11.9	98	0.00
39 M	1,2-Dichloropropane	20.000	16.959	15.2	89	0.00
40	Dibromomethane	20.000	17.624	11.9	92	0.00
41 M	Bromodichloromethane	20.000	17.365	13.2	94	0.00
42 M	Vinyl Acetate	100.000	88.433	11.6	90	0.00
43	Ethyl Acetate	20.000	17.928	10.4	92	0.00
44	Isopropyl Acetate	20.000	17.150	14.3	89	0.00
45 T	1,4-Dioxane	400.000	371.413	7.1	91	0.00
46	Methyl methacrylate	20.000	18.161	9.2	97	0.00
47	n-amyl Acetate	20.000	16.223	18.9	87	0.00
48 M	t-1,3-Dichloropropene	20.000	15.795	21.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.536	17.3	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.026	9.9	96	0.00
51	Ethyl methacrylate	20.000	16.968	15.2	90	0.00
52	1,3-Dichloropropane	20.000	17.782	11.1	93	0.00
53 M	Dibromochloromethane	20.000	16.704	16.5	93	0.00
54 M	1,2-Dibromoethane	20.000	17.437	12.8	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.403	2.6	99	0.00
56 M	Bromoform	20.000	15.192	24.0	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.729	7.3	93	0.00
59 M	2-Hexanone	100.000	93.207	6.8	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.825	0.6	106	0.00
61 M	Tetrachloroethene	20.000	18.312	8.4	100	0.00
62 M	Toluene	20.000	17.917	10.4	94	0.00
63 S	Toluene-d8	30.000	29.662	1.1	101	0.00
64 M	Chlorobenzene	20.000	17.705	11.5	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.438	12.8	93	0.00
66 M	Ethyl Benzene	20.000	18.190	9.0	98	0.00
67 M	m/p-Xylenes	40.000	36.214	9.5	99	0.00
68 M	o-Xylene	20.000	17.696	11.5	94	0.00
69 M	Styrene	20.000	17.849	10.8	97	0.00
70	Isopropylbenzene	20.000	18.058	9.7	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.661	11.7	91	0.00
72	1,2,3-Trichloropropane	20.000	16.722	16.4	86	0.00
73	Bromobenzene	20.000	17.794	11.0	96	0.00
74	n-propylbenzene	20.000	18.134	9.3	100	0.00
75	2-Chlorotoluene	20.000	18.337	8.3	101	0.00
76	1,3,5-Trimethylbenzene	20.000	17.875	10.6	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.881	35.6#	78	0.00
78	4-Chlorotoluene	20.000	17.781	11.1	100	0.00
79	tert-butylbenzene	20.000	17.727	11.4	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.119	9.4	100	0.00
81	sec-Butylbenzene	20.000	17.695	11.5	99	0.00
82	p-Isopropyltoluene	20.000	17.637	11.8	100	0.00
83 M	1,3-Dichlorobenzene	20.000	17.424	12.9	95	0.00
84 M	1,4-Dichlorobenzene	20.000	17.288	13.6	95	0.00
85	n-Butylbenzene	20.000	17.206	14.0	99	0.00
86 T	Hexachloroethane	20.000	15.060	24.7	95	0.00
87 M	1,2-Dichlorobenzene	20.000	17.340	13.3	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.958	15.2	99	0.00
89	1,2,4-Trichlorobenzene	20.000	17.109	14.5	95	0.00
90	Hexachlorobutadiene	20.000	18.941	5.3	106	0.00
91 M	Naphthalene	20.000	17.384	13.1	92	0.00
92	1,2,3-Trichlorobenzene	20.000	17.071	14.6	92	0.00

(#) = Out of Range

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