

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041952.D
 Acq On : 20 Jun 2024 09:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 21 03:12:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.507	-2.5	94	0.00
3 M	Chloromethane	20.000	19.386	3.1	89	0.00
4 M	Vinyl Chloride	20.000	19.447	2.8	94	0.00
5 M	Bromomethane	20.000	19.083	4.6	93	0.00
6 M	Chloroethane	20.000	21.302	-6.5	100	0.00
7 M	Trichlorofluoromethane	20.000	21.098	-5.5	97	0.00
8 T	Diethyl Ether	20.000	19.823	0.9	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.028	-0.1	96	0.00
10 M	1,1-Dichloroethene	20.000	19.456	2.7	94	0.00
11	Methyl Iodide	20.000	18.446	7.8	87	0.00
12	Methyl Acetate	20.000	20.601	-3.0	97	0.00
13 M	Acrolein	100.000	91.887	8.1	91	0.00
14 M	Acrylonitrile	100.000	97.965	2.0	92	0.00
15 M	Acetone	100.000	110.267	-10.3	101	0.00
16 M	Carbon Disulfide	20.000	18.306	8.5	98	0.00
17	Allyl chloride	20.000	20.478	-2.4	95	0.00
18 M	Methylene Chloride	20.000	19.617	1.9	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.390	3.0	94	0.00
20 T	Diisopropyl ether	20.000	20.132	-0.7	96	0.00
21 M	1,1-Dichloroethane	20.000	19.644	1.8	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.527	2.4	95	0.00
23 M	tert-Butyl Alcohol	100.000	91.294	8.7	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.493	2.5	94	0.00
25 M	Chloroform	20.000	20.105	-0.5	96	0.00
26	Cyclohexane	20.000	19.286	3.6	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.833	-2.8	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	20.129	-0.6	97	0.00
30 M	2-Butanone	100.000	107.537	-7.5	96	0.00
31	2,2-Dichloropropane	20.000	20.298	-1.5	97	0.00
32 M	1,1,1-Trichloroethane	20.000	20.129	-0.6	96	0.00
33 M	Carbon Tetrachloride	20.000	20.273	-1.4	96	0.00
34 M	Benzene	20.000	20.344	-1.7	93	0.00
35	Methacrylonitrile	20.000	20.647	-3.2	96	0.00
36 M	1,2-Dichloroethane	20.000	20.953	-4.8	96	0.00
37 M	Trichloroethene	20.000	20.161	-0.8	97	0.00
38	Methylcyclohexane	20.000	19.793	1.0	95	0.00
39 M	1,2-Dichloropropane	20.000	20.671	-3.4	96	0.00
40	Dibromomethane	20.000	20.232	-1.2	95	0.00
41 M	Bromodichloromethane	20.000	20.249	-1.2	98	0.00
42 M	Vinyl Acetate	100.000	101.664	-1.7	94	0.00
43	Ethyl Acetate	20.000	19.391	3.0	91	0.00
44	Isopropyl Acetate	20.000	19.710	1.4	93	0.00
45 T	1,4-Dioxane	400.000	392.306	1.9	91	0.00
46	Methyl methacrylate	20.000	20.149	-0.7	93	0.00
47	n-amyl Acetate	20.000	19.868	0.7	96	0.00
48 M	t-1,3-Dichloropropene	20.000	19.532	2.3	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.663	1.7	94	0.00
50 M	1,1,2-Trichloroethane	20.000	20.978	-4.9	97	0.00
51	Ethyl methacrylate	20.000	19.605	2.0	94	0.00
52	1,3-Dichloropropane	20.000	20.698	-3.5	95	0.00
53 M	Dibromochloromethane	20.000	20.255	-1.3	99	0.00
54 M	1,2-Dibromoethane	20.000	20.647	-3.2	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.031	-10.0	98	0.00
56 M	Bromoform	20.000	19.243	3.8	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.920	-0.9	94	0.00
59 M	2-Hexanone	100.000	102.944	-2.9	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.394	-1.3	98	0.00
61 M	Tetrachloroethene	20.000	19.258	3.7	91	0.00
62 M	Toluene	20.000	19.794	1.0	95	0.00
63 S	Toluene-d8	30.000	29.910	0.3	94	0.00
64 M	Chlorobenzene	20.000	19.578	2.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.756	1.2	97	0.00
66 M	Ethyl Benzene	20.000	19.615	1.9	95	0.00
67 M	m/p-Xylenes	40.000	39.956	0.1	97	0.00
68 M	o-Xylene	20.000	19.499	2.5	94	0.00
69 M	Styrene	20.000	19.728	1.4	94	0.00
70	Isopropylbenzene	20.000	20.182	-0.9	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.127	-0.6	96	0.00
72	1,2,3-Trichloropropane	20.000	19.831	0.8	96	0.00
73	Bromobenzene	20.000	19.777	1.1	97	0.00
74	n-propylbenzene	20.000	20.257	-1.3	99	0.00
75	2-Chlorotoluene	20.000	20.118	-0.6	97	0.00
76	1,3,5-Trimethylbenzene	20.000	20.150	-0.7	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.826	10.9	96	0.00
78	4-Chlorotoluene	20.000	20.045	-0.2	98	0.00
79	tert-butylbenzene	20.000	19.925	0.4	97	0.00
80	1,2,4-Trimethylbenzene	20.000	20.233	-1.2	98	0.00
81	sec-Butylbenzene	20.000	20.339	-1.7	99	0.00
82	p-Isopropyltoluene	20.000	20.211	-1.1	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.562	2.2	96	0.00
84 M	1,4-Dichlorobenzene	20.000	19.952	0.2	99	0.00
85	n-Butylbenzene	20.000	19.855	0.7	103	0.00
86 T	Hexachloroethane	20.000	19.151	4.2	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.807	1.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.816	5.9	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.476	7.6	98	0.00
90	Hexachlorobutadiene	20.000	19.808	1.0	99	0.00
91 M	Naphthalene	20.000	18.547	7.3	94	0.00
92	1,2,3-Trichlorobenzene	20.000	19.281	3.6	99	0.00

(#) = Out of Range

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