

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040838.D
 Acq On : 29 Mar 2024 15:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 23:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 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	90	-0.01
2 M	Dichlorodifluoromethane	20.000	19.690	1.5	92	0.00
3 M	Chloromethane	20.000	20.158	-0.8	97	0.00
4 M	Vinyl Chloride	20.000	21.573	-7.9	104	0.00
5 M	Bromomethane	20.000	25.655	-28.3#	106	0.00
6 M	Chloroethane	20.000	20.434	-2.2	94	0.00
7 M	Trichlorofluoromethane	20.000	19.275	3.6	92	0.00
8 T	Diethyl Ether	20.000	17.939	10.3	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.487	2.6	91	0.00
10 M	1,1-Dichloroethene	20.000	19.718	1.4	93	0.00
11	Methyl Iodide	20.000	17.933	10.3	83	0.00
12	Methyl Acetate	20.000	19.218	3.9	90	0.00
13 M	Acrolein	100.000	82.598	17.4	89	0.00
14 M	Acrylonitrile	100.000	97.850	2.2	92	0.00
15 M	Acetone	100.000	91.430	8.6	80	0.00
16 M	Carbon Disulfide	20.000	19.961	0.2	96	0.00
17	Allyl chloride	20.000	19.190	4.0	93	0.00
18 M	Methylene Chloride	20.000	19.545	2.3	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.317	-1.6	97	0.00
20 T	Diisopropyl ether	20.000	19.383	3.1	93	-0.01
21 M	1,1-Dichloroethane	20.000	19.954	0.2	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.241	-1.2	94	0.00
23 M	tert-Butyl Alcohol	100.000	98.891	1.1	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.890	0.5	92	0.00
25 M	Chloroform	20.000	20.091	-0.5	93	0.00
26	Cyclohexane	20.000	19.541	2.3	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.267	-0.9	93	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.727	1.4	94	0.00
30 M	2-Butanone	100.000	95.392	4.6	89	-0.01
31	2,2-Dichloropropane	20.000	18.760	6.2	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.197	4.0	92	0.00
33 M	Carbon Tetrachloride	20.000	19.597	2.0	92	-0.01
34 M	Benzene	20.000	19.730	1.3	92	0.00
35	Methacrylonitrile	20.000	18.471	7.6	86	0.00
36 M	1,2-Dichloroethane	20.000	19.522	2.4	92	0.00
37 M	Trichloroethene	20.000	19.786	1.1	96	0.00
38	Methylcyclohexane	20.000	18.907	5.5	94	0.00
39 M	1,2-Dichloropropane	20.000	20.357	-1.8	100	0.00
40	Dibromomethane	20.000	20.473	-2.4	100	0.00
41 M	Bromodichloromethane	20.000	20.321	-1.6	101	0.00
42 M	Vinyl Acetate	100.000	95.597	4.4	91	0.00
43	Ethyl Acetate	20.000	19.500	2.5	90	-0.01
44	Isopropyl Acetate	20.000	18.923	5.4	90	0.00
45 T	1,4-Dioxane	400.000	424.614	-6.2	102	0.00
46	Methyl methacrylate	20.000	20.026	-0.1	99	0.00
47	n-amyl Acetate	20.000	19.505	2.5	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.919	5.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.509	2.5	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.569	-2.8	100	0.00
51	Ethyl methacrylate	20.000	19.530	2.3	100	0.00
52	1,3-Dichloropropane	20.000	20.300	-1.5	100	0.00
53 M	Dibromochloromethane	20.000	19.746	1.3	97	0.00
54 M	1,2-Dibromoethane	20.000	19.394	3.0	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.038	-6.0	107	0.00
56 M	Bromoform	20.000	19.597	2.0	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.314	-0.3	97	0.00
59 M	2-Hexanone	100.000	96.072	3.9	91	0.00
60 S	4-Bromofluorobenzene	30.000	30.419	-1.4	98	0.00
61 M	Tetrachloroethene	20.000	20.190	-1.0	98	0.00
62 M	Toluene	20.000	20.841	-4.2	100	0.00
63 S	Toluene-d8	30.000	30.548	-1.8	95	0.00
64 M	Chlorobenzene	20.000	20.240	-1.2	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.110	-5.5	101	0.00
66 M	Ethyl Benzene	20.000	20.603	-3.0	98	0.00
67 M	m/p-Xylenes	40.000	39.799	0.5	94	0.00
68 M	o-Xylene	20.000	20.549	-2.7	100	0.00
69 M	Styrene	20.000	20.083	-0.4	99	0.00
70	Isopropylbenzene	20.000	20.406	-2.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.628	1.9	95	0.00
72	1,2,3-Trichloropropane	20.000	20.567	-2.8	100	0.00
73	Bromobenzene	20.000	20.489	-2.4	97	0.00
74	n-propylbenzene	20.000	20.580	-2.9	99	0.00
75	2-Chlorotoluene	20.000	20.786	-3.9	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.813	-4.1	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.888	5.6	99	0.00
78	4-Chlorotoluene	20.000	20.684	-3.4	99	0.00
79	tert-butylbenzene	20.000	20.524	-2.6	97	0.00
80	1,2,4-Trimethylbenzene	20.000	20.642	-3.2	98	0.00
81	sec-Butylbenzene	20.000	20.322	-1.6	97	0.00
82	p-Isopropyltoluene	20.000	20.470	-2.3	99	0.00
83 M	1,3-Dichlorobenzene	20.000	20.577	-2.9	98	0.00
84 M	1,4-Dichlorobenzene	20.000	20.195	-1.0	96	0.00
85	n-Butylbenzene	20.000	17.877	10.6	88	0.00
86 T	Hexachloroethane	20.000	19.391	3.0	96	0.00
87 M	1,2-Dichlorobenzene	20.000	18.993	5.0	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.380	18.1	76	0.00
89	1,2,4-Trichlorobenzene	20.000	18.025	9.9	88	0.00
90	Hexachlorobutadiene	20.000	20.273	-1.4	97	0.00
91 M	Naphthalene	20.000	19.548	2.3	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.862	0.7	95	0.00

(#) = Out of Range

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