

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030624\
 Data File : VX040598.D
 Acq On : 06 Mar 2024 11:54
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 07 04:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	17.760	11.2	80	0.00
3 M	Chloromethane	20.000	18.012	9.9	79	0.00
4 M	Vinyl Chloride	20.000	17.741	11.3	80	0.00
5 M	Bromomethane	20.000	21.081	-5.4	80	0.01
6 M	Chloroethane	20.000	18.615	6.9	91	0.02
7 M	Trichlorofluoromethane	20.000	17.433	12.8	83	0.01
8 T	Diethyl Ether	20.000	18.995	5.0	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.734	6.3	85	0.00
10 M	1,1-Dichloroethene	20.000	17.745	11.3	81	0.00
11	Methyl Iodide	20.000	16.995	15.0	80	0.00
12	Methyl Acetate	20.000	20.908	-4.5	95	0.00
13 M	Acrolein	100.000	93.847	6.2	87	0.00
14 M	Acrylonitrile	100.000	103.512	-3.5	93	0.00
15 M	Acetone	100.000	99.058	0.9	83	0.00
16 M	Carbon Disulfide	20.000	16.920	15.4	79	0.00
17	Allyl chloride	20.000	18.533	7.3	84	0.00
18 M	Methylene Chloride	20.000	19.600	2.0	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.395	8.0	83	0.00
20 T	Diisopropyl ether	20.000	19.266	3.7	88	0.00
21 M	1,1-Dichloroethane	20.000	18.235	8.8	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.755	6.2	84	0.00
23 M	tert-Butyl Alcohol	100.000	103.625	-3.6	97	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.764	1.2	90	0.00
25 M	Chloroform	20.000	18.785	6.1	86	0.00
26	Cyclohexane	20.000	17.568	12.2	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.757	0.8	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	19.826	0.9	86	0.00
30 M	2-Butanone	100.000	111.576	-11.6	91	0.00
31	2,2-Dichloropropane	20.000	18.298	8.5	77	0.00
32 M	1,1,1-Trichloroethane	20.000	19.643	1.8	84	0.01
33 M	Carbon Tetrachloride	20.000	18.836	5.8	82	0.00
34 M	Benzene	20.000	20.205	-1.0	85	0.00
35	Methacrylonitrile	20.000	22.625	-13.1	93	0.00
36 M	1,2-Dichloroethane	20.000	21.687	-8.4	90	0.00
37 M	Trichloroethene	20.000	19.929	0.4	85	0.00
38	Methylcyclohexane	20.000	19.687	1.6	83	0.00
39 M	1,2-Dichloropropane	20.000	21.465	-7.3	88	0.00
40	Dibromomethane	20.000	21.818	-9.1	88	0.00
41 M	Bromodichloromethane	20.000	20.998	-5.0	87	0.00
42 M	Vinyl Acetate	100.000	106.100	-6.1	90	0.00
43	Ethyl Acetate	20.000	22.863	-14.3	92	0.00
44	Isopropyl Acetate	20.000	21.172	-5.9	90	0.00
45 T	1,4-Dioxane	400.000	487.277	-21.8	98	0.00
46	Methyl methacrylate	20.000	22.395	-12.0	91	0.00
47	n-amyl Acetate	20.000	18.624	6.9	87	0.00
48 M	t-1,3-Dichloropropene	20.000	20.120	-0.6	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.890	-4.5	89	0.00
50 M	1,1,2-Trichloroethane	20.000	21.957	-9.8	91	0.00
51	Ethyl methacrylate	20.000	21.187	-5.9	88	0.00
52	1,3-Dichloropropane	20.000	21.484	-7.4	88	0.00
53 M	Dibromochloromethane	20.000	20.735	-3.7	88	0.00
54 M	1,2-Dibromoethane	20.000	21.209	-6.0	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.058	-7.1	86	0.00
56 M	Bromoform	20.000	19.190	4.0	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.811	-10.8	91	0.00
59 M	2-Hexanone	100.000	109.799	-9.8	93	0.00
60 S	4-Bromofluorobenzene	30.000	27.735	7.6	82	0.00
61 M	Tetrachloroethene	20.000	20.920	-4.6	88	0.00
62 M	Toluene	20.000	19.835	0.8	83	0.00
63 S	Toluene-d8	30.000	30.040	-0.1	78	0.00
64 M	Chlorobenzene	20.000	20.217	-1.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.570	2.1	93	0.00
66 M	Ethyl Benzene	20.000	19.574	2.1	92	0.00
67 M	m/p-Xylenes	40.000	39.517	1.2	93	0.00
68 M	o-Xylene	20.000	19.800	1.0	91	0.00
69 M	Styrene	20.000	19.854	0.7	91	0.00
70	Isopropylbenzene	20.000	18.316	8.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.057	-0.3	92	0.00
72	1,2,3-Trichloropropane	20.000	19.744	1.3	96	0.00
73	Bromobenzene	20.000	18.829	5.9	88	0.00
74	n-propylbenzene	20.000	18.125	9.4	86	0.00
75	2-Chlorotoluene	20.000	17.885	10.6	85	0.00
76	1,3,5-Trimethylbenzene	20.000	18.351	8.2	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.094	9.5	85	0.00
78	4-Chlorotoluene	20.000	18.418	7.9	92	0.00
79	tert-butylbenzene	20.000	19.339	3.3	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.945	0.3	98	0.00
81	sec-Butylbenzene	20.000	19.340	3.3	95	0.00
82	p-Isopropyltoluene	20.000	18.873	5.6	93	0.00
83 M	1,3-Dichlorobenzene	20.000	20.379	-1.9	97	0.00
84 M	1,4-Dichlorobenzene	20.000	20.192	-1.0	97	0.00
85	n-Butylbenzene	20.000	18.833	5.8	93	0.00
86 T	Hexachloroethane	20.000	18.851	5.7	97	0.00
87 M	1,2-Dichlorobenzene	20.000	19.971	0.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.413	-12.1	107	0.00
89	1,2,4-Trichlorobenzene	20.000	19.576	2.1	94	0.00
90	Hexachlorobutadiene	20.000	18.390	8.0	88	0.00
91 M	Naphthalene	20.000	20.276	-1.4	98	0.00
92	1,2,3-Trichlorobenzene	20.000	19.459	2.7	93	0.00

(#) = Out of Range

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