

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042294.D
 Acq On : 12 Jul 2024 11:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 02:51:30 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	18.489	7.6	77	0.00
3 M	Chloromethane	20.000	15.629	21.9	66	0.00
4 M	Vinyl Chloride	20.000	16.428	17.9	72	0.00
5 M	Bromomethane	20.000	16.841	15.8	75	0.00
6 M	Chloroethane	20.000	21.066	-5.3	90	0.00
7 M	Trichlorofluoromethane	20.000	21.116	-5.6	89	0.00
8 T	Diethyl Ether	20.000	18.381	8.1	80	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.472	-2.4	89	0.00
10 M	1,1-Dichloroethene	20.000	18.694	6.5	82	0.00
11	Methyl Iodide	20.000	14.367	28.2#	62	0.00
12	Methyl Acetate	20.000	23.183	-15.9	99	0.00
13 M	Acrolein	100.000	88.216	11.8	80	0.00
14 M	Acrylonitrile	100.000	93.009	7.0	79	0.00
15 M	Acetone	100.000	91.399	8.6	76	0.00
16 M	Carbon Disulfide	20.000	16.425	17.9	80	0.00
17	Allyl chloride	20.000	18.769	6.2	80	0.00
18 M	Methylene Chloride	20.000	18.780	6.1	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.700	6.5	82	0.00
20 T	Diisopropyl ether	20.000	19.165	4.2	83	0.00
21 M	1,1-Dichloroethane	20.000	19.352	3.2	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.348	3.3	85	0.00
23 M	tert-Butyl Alcohol	100.000	89.081	10.9	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.609	2.0	86	0.00
25 M	Chloroform	20.000	20.069	-0.3	87	0.00
26	Cyclohexane	20.000	18.383	8.1	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.846	0.5	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	19.948	0.3	87	0.00
30 M	2-Butanone	100.000	94.198	5.8	76	0.00
31	2,2-Dichloropropane	20.000	18.499	7.5	80	0.00
32 M	1,1,1-Trichloroethane	20.000	20.350	-1.8	88	0.00
33 M	Carbon Tetrachloride	20.000	20.550	-2.8	89	0.00
34 M	Benzene	20.000	19.874	0.6	83	0.00
35	Methacrylonitrile	20.000	19.339	3.3	81	0.00
36 M	1,2-Dichloroethane	20.000	20.659	-3.3	86	0.00
37 M	Trichloroethene	20.000	20.115	-0.6	87	0.00
38	Methylcyclohexane	20.000	19.391	3.0	84	0.00
39 M	1,2-Dichloropropane	20.000	19.841	0.8	83	0.00
40	Dibromomethane	20.000	19.898	0.5	85	0.00
41 M	Bromodichloromethane	20.000	20.380	-1.9	89	0.00
42 M	Vinyl Acetate	100.000	93.828	6.2	79	0.00
43	Ethyl Acetate	20.000	18.742	6.3	80	0.00
44	Isopropyl Acetate	20.000	18.986	5.1	81	0.00
45 T	1,4-Dioxane	400.000	371.713	7.1	78	0.00
46	Methyl methacrylate	20.000	18.632	6.8	78	0.00
47	n-amyl Acetate	20.000	18.339	8.3	80	0.00
48 M	t-1,3-Dichloropropene	20.000	18.683	6.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.745	1.3	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.065	-0.3	84	0.00
51	Ethyl methacrylate	20.000	18.885	5.6	82	0.00
52	1,3-Dichloropropane	20.000	20.377	-1.9	85	0.00
53 M	Dibromochloromethane	20.000	20.233	-1.2	89	0.00
54 M	1,2-Dibromoethane	20.000	20.498	-2.5	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.110	-3.1	83	0.00
56 M	Bromoform	20.000	19.310	3.5	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.780	2.2	79	0.00
59 M	2-Hexanone	100.000	96.164	3.8	78	0.00
60 S	4-Bromofluorobenzene	30.000	30.238	-0.8	85	0.00
61 M	Tetrachloroethene	20.000	21.339	-6.7	88	0.00
62 M	Toluene	20.000	20.067	-0.3	84	0.00
63 S	Toluene-d8	30.000	29.601	1.3	81	0.00
64 M	Chlorobenzene	20.000	20.093	-0.5	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.311	-1.6	87	0.00
66 M	Ethyl Benzene	20.000	19.978	0.1	84	0.00
67 M	m/p-Xylenes	40.000	40.291	-0.7	85	0.00
68 M	o-Xylene	20.000	19.898	0.5	83	0.00
69 M	Styrene	20.000	20.202	-1.0	84	0.00
70	Isopropylbenzene	20.000	20.612	-3.1	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.922	0.4	82	0.00
72	1,2,3-Trichloropropane	20.000	19.803	1.0	83	0.00
73	Bromobenzene	20.000	20.263	-1.3	86	0.00
74	n-propylbenzene	20.000	20.357	-1.8	86	0.00
75	2-Chlorotoluene	20.000	20.164	-0.8	84	0.00
76	1,3,5-Trimethylbenzene	20.000	20.219	-1.1	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.348	18.3	77	0.00
78	4-Chlorotoluene	20.000	20.179	-0.9	86	0.00
79	tert-butylbenzene	20.000	20.217	-1.1	85	0.00
80	1,2,4-Trimethylbenzene	20.000	20.629	-3.1	87	0.00
81	sec-Butylbenzene	20.000	20.578	-2.9	87	0.00
82	p-Isopropyltoluene	20.000	20.362	-1.8	87	0.00
83 M	1,3-Dichlorobenzene	20.000	20.345	-1.7	87	0.00
84 M	1,4-Dichlorobenzene	20.000	20.429	-2.1	88	0.00
85	n-Butylbenzene	20.000	19.681	1.6	89	0.00
86 T	Hexachloroethane	20.000	19.172	4.1	87	0.00
87 M	1,2-Dichlorobenzene	20.000	20.322	-1.6	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.298	8.5	82	0.00
89	1,2,4-Trichlorobenzene	20.000	19.227	3.9	89	0.00
90	Hexachlorobutadiene	20.000	20.592	-3.0	90	0.00
91 M	Naphthalene	20.000	19.147	4.3	84	0.00
92	1,2,3-Trichlorobenzene	20.000	20.200	-1.0	90	0.00

(#) = Out of Range

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