

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040591.D
 Acq On : 05 Mar 2024 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 06 00:14:47 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	21.295	-6.5	108	0.00
3 M	Chloromethane	20.000	20.344	-1.7	100	0.00
4 M	Vinyl Chloride	20.000	20.487	-2.4	103	0.00
5 M	Bromomethane	20.000	23.652	-18.3	100	0.01
6 M	Chloroethane	20.000	20.016	-0.1	109	0.02
7 M	Trichlorofluoromethane	20.000	19.895	0.5	106	0.01
8 T	Diethyl Ether	20.000	19.772	1.1	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.767	-3.8	105	0.00
10 M	1,1-Dichloroethene	20.000	20.007	-0.0	103	0.00
11	Methyl Iodide	20.000	19.212	3.9	101	0.00
12	Methyl Acetate	20.000	19.668	1.7	100	0.00
13 M	Acrolein	100.000	90.700	9.3	94	0.00
14 M	Acrylonitrile	100.000	100.063	-0.1	101	0.00
15 M	Acetone	100.000	96.805	3.2	91	0.00
16 M	Carbon Disulfide	20.000	19.818	0.9	104	0.00
17	Allyl chloride	20.000	19.950	0.3	102	0.00
18 M	Methylene Chloride	20.000	20.517	-2.6	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.035	-0.2	101	0.00
20 T	Diisopropyl ether	20.000	19.552	2.2	100	0.00
21 M	1,1-Dichloroethane	20.000	20.071	-0.4	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.031	-0.2	100	0.00
23 M	tert-Butyl Alcohol	100.000	94.298	5.7	99	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.139	-0.7	103	0.00
25 M	Chloroform	20.000	20.185	-0.9	103	0.00
26	Cyclohexane	20.000	20.498	-2.5	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.880	3.7	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	21.517	-7.6	109	0.00
30 M	2-Butanone	100.000	102.763	-2.8	99	0.00
31	2,2-Dichloropropane	20.000	21.475	-7.4	105	0.00
32 M	1,1,1-Trichloroethane	20.000	21.098	-5.5	106	0.00
33 M	Carbon Tetrachloride	20.000	20.619	-3.1	105	0.00
34 M	Benzene	20.000	21.004	-5.0	103	0.00
35	Methacrylonitrile	20.000	20.284	-1.4	98	0.00
36 M	1,2-Dichloroethane	20.000	21.217	-6.1	103	0.00
37 M	Trichloroethene	20.000	21.532	-7.7	107	0.00
38	Methylcyclohexane	20.000	22.325	-11.6	110	0.00
39 M	1,2-Dichloropropane	20.000	21.948	-9.7	105	0.00
40	Dibromomethane	20.000	21.404	-7.0	101	0.00
41 M	Bromodichloromethane	20.000	20.275	-1.4	99	0.00
42 M	Vinyl Acetate	100.000	103.740	-3.7	103	0.00
43	Ethyl Acetate	20.000	21.111	-5.6	100	0.00
44	Isopropyl Acetate	20.000	20.701	-3.5	103	0.00
45 T	1,4-Dioxane	400.000	418.876	-4.7	98	0.00
46	Methyl methacrylate	20.000	21.093	-5.5	101	0.00
47	n-amyl Acetate	20.000	20.199	-1.0	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.570	-2.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.548	-7.7	108	0.00
50 M	1,1,2-Trichloroethane	20.000	21.262	-6.3	103	0.00
51	Ethyl methacrylate	20.000	20.982	-4.9	102	0.00
52	1,3-Dichloropropane	20.000	21.573	-7.9	103	0.00
53 M	Dibromochloromethane	20.000	19.548	2.3	97	0.00
54 M	1,2-Dibromoethane	20.000	20.993	-5.0	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.030	-1.0	95	0.00
56 M	Bromoform	20.000	20.210	-1.1	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.368	-0.4	100	0.00
59 M	2-Hexanone	100.000	93.888	6.1	96	0.00
60 S	4-Bromofluorobenzene	30.000	28.418	5.3	101	0.00
61 M	Tetrachloroethene	20.000	21.408	-7.0	109	0.00
62 M	Toluene	20.000	20.404	-2.0	103	0.00
63 S	Toluene-d8	30.000	30.003	-0.0	95	0.00
64 M	Chlorobenzene	20.000	20.788	-3.9	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.705	1.5	113	0.00
66 M	Ethyl Benzene	20.000	20.518	-2.6	117	0.00
67 M	m/p-Xylenes	40.000	40.805	-2.0	116	0.00
68 M	o-Xylene	20.000	20.686	-3.4	116	0.00
69 M	Styrene	20.000	20.244	-1.2	113	0.00
70	Isopropylbenzene	20.000	21.143	-5.7	120	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.697	6.5	103	0.00
72	1,2,3-Trichloropropane	20.000	18.139	9.3	107	0.00
73	Bromobenzene	20.000	19.623	1.9	111	0.00
74	n-propylbenzene	20.000	19.613	1.9	113	0.00
75	2-Chlorotoluene	20.000	19.099	4.5	110	0.00
76	1,3,5-Trimethylbenzene	20.000	18.805	6.0	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.012	4.9	108	0.00
78	4-Chlorotoluene	20.000	18.450	7.8	111	0.00
79	tert-butylbenzene	20.000	19.094	4.5	114	0.00
80	1,2,4-Trimethylbenzene	20.000	19.553	2.2	116	0.00
81	sec-Butylbenzene	20.000	19.021	4.9	113	0.00
82	p-Isopropyltoluene	20.000	19.012	4.9	113	0.00
83 M	1,3-Dichlorobenzene	20.000	18.969	5.2	110	0.00
84 M	1,4-Dichlorobenzene	20.000	18.919	5.4	110	0.00
85	n-Butylbenzene	20.000	18.513	7.4	110	0.00
86 T	Hexachloroethane	20.000	19.429	2.9	121	0.00
87 M	1,2-Dichlorobenzene	20.000	18.755	6.2	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.512	2.4	112	0.00
89	1,2,4-Trichlorobenzene	20.000	20.086	-0.4	116	0.00
90	Hexachlorobutadiene	20.000	20.499	-2.5	119	0.00
91 M	Naphthalene	20.000	19.676	1.6	115	0.00
92	1,2,3-Trichlorobenzene	20.000	20.828	-4.1	120	0.00

(#) = Out of Range

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