

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033450.D
 Acq On : 16 Dec 2022 10:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 17 07:40:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	20.390	-2.0	97	0.00
3 M	Chloromethane	20.000	19.989	0.1	98	0.00
4 M	Vinyl Chloride	20.000	18.834	5.8	93	0.00
5 M	Bromomethane	20.000	20.720	-3.6	103	0.00
6 M	Chloroethane	20.000	20.772	-3.9	97	0.00
7 M	Trichlorofluoromethane	20.000	14.536	27.3#	69	0.00
8 T	Diethyl Ether	20.000	16.033	19.8	71	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.169	19.2	74	0.00
10 M	1,1-Dichloroethene	20.000	15.751	21.2	73	0.00
11	Methyl Iodide	20.000	15.300	23.5	73	0.00
12	Methyl Acetate	20.000	22.197	-11.0	108	0.00
13 M	Acrolein	100.000	116.810	-16.8	106	0.00
14 M	Acrylonitrile	100.000	104.829	-4.8	104	0.00
15 M	Acetone	100.000	78.105	21.9	67	0.00
16 M	Carbon Disulfide	20.000	13.987	30.1#	67	0.00
17	Allyl chloride	20.000	19.148	4.3	94	0.00
18 M	Methylene Chloride	20.000	19.820	0.9	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.545	2.3	97	0.00
20 T	Diisopropyl ether	20.000	20.803	-4.0	101	0.00
21 M	1,1-Dichloroethane	20.000	20.412	-2.1	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.413	-2.1	101	-0.01
23 M	tert-Butyl Alcohol	100.000	95.765	4.2	94	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.692	-3.5	102	0.00
25 M	Chloroform	20.000	20.375	-1.9	99	0.00
26	Cyclohexane	20.000	20.013	-0.1	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.004	-3.3	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	20.404	-2.0	98	0.00
30 M	2-Butanone	100.000	106.227	-6.2	97	0.00
31	2,2-Dichloropropane	20.000	19.419	2.9	94	0.00
32 M	1,1,1-Trichloroethane	20.000	20.329	-1.6	96	0.00
33 M	Carbon Tetrachloride	20.000	19.659	1.7	93	0.00
34 M	Benzene	20.000	20.701	-3.5	100	0.00
35	Methacrylonitrile	20.000	22.310	-11.5	110	0.00
36 M	1,2-Dichloroethane	20.000	21.494	-7.5	99	0.00
37 M	Trichloroethene	20.000	20.609	-3.0	99	0.00
38	Methylcyclohexane	20.000	20.698	-3.5	102	0.00
39 M	1,2-Dichloropropane	20.000	21.443	-7.2	103	0.00
40	Dibromomethane	20.000	21.380	-6.9	104	0.00
41 M	Bromodichloromethane	20.000	19.947	0.3	94	0.00
42 M	Vinyl Acetate	100.000	107.307	-7.3	103	0.00
43	Ethyl Acetate	20.000	21.766	-8.8	105	0.00
44	Isopropyl Acetate	20.000	20.949	-4.7	101	0.00
45 T	1,4-Dioxane	400.000	425.613	-6.4	96	-0.01
46	Methyl methacrylate	20.000	21.917	-9.6	105	0.00
47	n-amyl Acetate	20.000	21.389	-6.9	103	0.00
48 M	t-1,3-Dichloropropene	20.000	19.703	1.5	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.394	-2.0	99	0.00
50 M	1,1,2-Trichloroethane	20.000	22.252	-11.3	106	0.00
51	Ethyl methacrylate	20.000	21.126	-5.6	103	0.00
52	1,3-Dichloropropane	20.000	21.090	-5.4	100	0.00
53 M	Dibromochloromethane	20.000	20.277	-1.4	97	0.00
54 M	1,2-Dibromoethane	20.000	21.230	-6.2	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.914	-0.9	104	0.00
56 M	Bromoform	20.000	19.344	3.3	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.294	-9.3	105	0.00
59 M	2-Hexanone	100.000	107.654	-7.7	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.016	-0.1	100	0.00
61 M	Tetrachloroethene	20.000	20.178	-0.9	98	0.00
62 M	Toluene	20.000	20.329	-1.6	99	0.00
63 S	Toluene-d8	30.000	30.097	-0.3	100	0.00
64 M	Chlorobenzene	20.000	20.446	-2.2	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.702	1.5	96	0.00
66 M	Ethyl Benzene	20.000	20.399	-2.0	99	0.00
67 M	m/p-Xylenes	40.000	41.146	-2.9	101	0.00
68 M	o-Xylene	20.000	20.358	-1.8	99	0.00
69 M	Styrene	20.000	20.185	-0.9	98	0.00
70	Isopropylbenzene	20.000	20.360	-1.8	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.275	-6.4	104	0.00
72	1,2,3-Trichloropropane	20.000	22.116	-10.6	104	0.00
73	Bromobenzene	20.000	20.460	-2.3	101	0.00
74	n-propylbenzene	20.000	20.671	-3.4	101	0.00
75	2-Chlorotoluene	20.000	20.766	-3.8	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.726	-3.6	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.624	6.9	93	0.00
78	4-Chlorotoluene	20.000	20.769	-3.8	100	0.00
79	tert-butylbenzene	20.000	20.500	-2.5	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.927	-4.6	101	0.00
81	sec-Butylbenzene	20.000	20.963	-4.8	102	0.00
82	p-Isopropyltoluene	20.000	20.759	-3.8	101	0.00
83 M	1,3-Dichlorobenzene	20.000	20.944	-4.7	102	0.00
84 M	1,4-Dichlorobenzene	20.000	21.039	-5.2	103	0.00
85	n-Butylbenzene	20.000	20.512	-2.6	104	0.00
86 T	Hexachloroethane	20.000	18.453	7.7	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.665	-3.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.718	1.4	95	0.00
89	1,2,4-Trichlorobenzene	20.000	20.887	-4.4	107	0.00
90	Hexachlorobutadiene	20.000	21.705	-8.5	108	0.00
91 M	Naphthalene	20.000	20.804	-4.0	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.740	-3.7	104	0.00

(#) = Out of Range

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