

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X011022\
 Data File : VX026410.D
 Acq On : 10 Jan 2022 18:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 11 04:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	20.292	-1.5	75	0.00
3 M	Chloromethane	20.000	19.489	2.6	75	0.00
4 M	Vinyl Chloride	20.000	18.942	5.3	74	0.00
5 M	Bromomethane	20.000	14.711	26.4#	56	0.00
6 M	Chloroethane	20.000	21.470	-7.3	81	0.00
7 M	Trichlorofluoromethane	20.000	19.416	2.9	75	0.00
8 T	Diethyl Ether	20.000	19.796	1.0	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.316	3.4	75	0.00
10 M	1,1-Dichloroethene	20.000	19.920	0.4	79	0.00
11	Methyl Iodide	20.000	11.113	44.4#	48	0.00
12	Methyl Acetate	20.000	19.381	3.1	77	0.00
13 M	Acrolein	100.000	59.445	40.6#	59	0.00
14 M	Acrylonitrile	100.000	96.466	3.5	77	0.00
15 M	Acetone	100.000	96.858	3.1	71	0.00
16 M	Carbon Disulfide	20.000	18.821	5.9	76	0.00
17	Allyl chloride	20.000	18.351	8.2	75	0.00
18 M	Methylene Chloride	20.000	19.662	1.7	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.142	4.3	77	0.00
20 T	Diisopropyl ether	20.000	19.484	2.6	76	0.00
21 M	1,1-Dichloroethane	20.000	19.285	3.6	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.297	3.5	78	0.00
23 M	tert-Butyl Alcohol	100.000	89.416	10.6	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.006	5.0	75	0.00
25 M	Chloroform	20.000	19.745	1.3	78	0.00
26	Cyclohexane	20.000	19.479	2.6	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.837	-2.8	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.068	4.7	78	0.00
30 M	2-Butanone	100.000	91.427	8.6	72	0.00
31	2,2-Dichloropropane	20.000	16.563	17.2	69	0.00
32 M	1,1,1-Trichloroethane	20.000	18.559	7.2	76	0.00
33 M	Carbon Tetrachloride	20.000	18.265	8.7	74	0.00
34 M	Benzene	20.000	18.910	5.4	77	0.00
35	Methacrylonitrile	20.000	18.906	5.5	77	0.00
36 M	1,2-Dichloroethane	20.000	18.821	5.9	77	0.00
37 M	Trichloroethene	20.000	18.415	7.9	75	0.00
38	Methylcyclohexane	20.000	19.047	4.8	76	0.00
39 M	1,2-Dichloropropane	20.000	18.943	5.3	76	0.00
40	Dibromomethane	20.000	19.188	4.1	78	0.00
41 M	Bromodichloromethane	20.000	18.312	8.4	74	0.00
42 M	Vinyl Acetate	100.000	93.729	6.3	76	0.00
43	Ethyl Acetate	20.000	18.606	7.0	76	0.00
44	Isopropyl Acetate	20.000	18.608	7.0	76	0.00
45 T	1,4-Dioxane	400.000	363.840	9.0	74	0.00
46	Methyl methacrylate	20.000	18.731	6.3	76	0.00
47	n-amyl Acetate	20.000	18.056	9.7	73	0.00
48 M	t-1,3-Dichloropropene	20.000	16.894	15.5	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.621	11.9	73	0.00
50 M	1,1,2-Trichloroethane	20.000	19.208	4.0	77	0.00
51	Ethyl methacrylate	20.000	18.753	6.2	76	0.00
52	1,3-Dichloropropane	20.000	19.163	4.2	77	0.00
53 M	Dibromochloromethane	20.000	18.164	9.2	73	0.00
54 M	1,2-Dibromoethane	20.000	18.445	7.8	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.179	-8.2	93	0.00
56 M	Bromoform	20.000	17.212	13.9	72	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.309	1.7	77	0.00
59 M	2-Hexanone	100.000	94.914	5.1	72	0.00
60 S	4-Bromofluorobenzene	30.000	29.741	0.9	89	0.00
61 M	Tetrachloroethene	20.000	19.271	3.6	76	0.00
62 M	Toluene	20.000	19.204	4.0	77	0.00
63 S	Toluene-d8	30.000	30.006	-0.0	89	0.00
64 M	Chlorobenzene	20.000	18.698	6.5	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.659	6.7	75	0.00
66 M	Ethyl Benzene	20.000	18.905	5.5	76	0.00
67 M	m/p-Xylenes	40.000	38.025	4.9	76	0.00
68 M	o-Xylene	20.000	19.004	5.0	75	0.00
69 M	Styrene	20.000	18.918	5.4	77	0.00
70	Isopropylbenzene	20.000	19.315	3.4	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.282	3.6	79	0.00
72	1,2,3-Trichloropropane	20.000	18.826	5.9	75	0.00
73	Bromobenzene	20.000	18.876	5.6	75	0.00
74	n-propylbenzene	20.000	19.115	4.4	77	0.00
75	2-Chlorotoluene	20.000	19.077	4.6	76	0.00
76	1,3,5-Trimethylbenzene	20.000	19.290	3.6	77	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.449	32.8#	59	0.00
78	4-Chlorotoluene	20.000	19.138	4.3	77	0.00
79	tert-butylbenzene	20.000	19.146	4.3	76	0.00
80	1,2,4-Trimethylbenzene	20.000	19.286	3.6	76	0.00
81	sec-Butylbenzene	20.000	19.112	4.4	76	0.00
82	p-Isopropyltoluene	20.000	18.967	5.2	76	0.00
83 M	1,3-Dichlorobenzene	20.000	18.568	7.2	76	0.00
84 M	1,4-Dichlorobenzene	20.000	18.665	6.7	76	0.00
85	n-Butylbenzene	20.000	18.643	6.8	76	0.00
86 T	Hexachloroethane	20.000	16.207	19.0	67	0.00
87 M	1,2-Dichlorobenzene	20.000	19.251	3.7	78	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.551	12.2	73	0.00
89	1,2,4-Trichlorobenzene	20.000	17.493	12.5	74	0.00
90	Hexachlorobutadiene	20.000	17.997	10.0	74	0.00
91 M	Naphthalene	20.000	18.214	8.9	76	0.00
92	1,2,3-Trichlorobenzene	20.000	18.381	8.1	76	0.00

(#) = Out of Range

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