

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033223.D
 Acq On : 05 Dec 2022 13:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 05:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 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	84	0.00
2 M	Dichlorodifluoromethane	20.000	12.631	36.8#	50	0.00
3 M	Chloromethane	20.000	16.753	16.2	67	0.00
4 M	Vinyl Chloride	20.000	15.104	24.5	60	0.00
5 M	Bromomethane	20.000	15.672	21.6	65	0.00
6 M	Chloroethane	20.000	17.631	11.8	73	0.00
7 M	Trichlorofluoromethane	20.000	15.446	22.8	62	0.00
8 T	Diethyl Ether	20.000	22.915	-14.6	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	15.393	23.0	63	0.00
10 M	1,1-Dichloroethene	20.000	14.956	25.2#	62	0.00
11	Methyl Iodide	20.000	17.413	12.9	78	0.00
12	Methyl Acetate	20.000	20.215	-1.1	83	0.00
13 M	Acrolein	100.000	113.876	-13.9	99	0.00
14 M	Acrylonitrile	100.000	102.713	-2.7	86	0.00
15 M	Acetone	100.000	104.408	-4.4	85	0.00
16 M	Carbon Disulfide	20.000	16.786	16.1	72	0.00
17	Allyl chloride	20.000	17.476	12.6	74	0.00
18 M	Methylene Chloride	20.000	19.248	3.8	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.581	17.1	70	0.00
20 T	Diisopropyl ether	20.000	19.245	3.8	82	0.00
21 M	1,1-Dichloroethane	20.000	17.805	11.0	73	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.690	6.5	79	0.00
23 M	tert-Butyl Alcohol	100.000	111.105	-11.1	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.746	1.3	84	0.00
25 M	Chloroform	20.000	18.344	8.3	78	0.00
26	Cyclohexane	20.000	14.378	28.1#	61	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.199	-0.7	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	73	0.00
29	1,1-Dichloropropene	20.000	17.626	11.9	64	0.00
30 M	2-Butanone	100.000	117.782	-17.8	85	0.00
31	2,2-Dichloropropane	20.000	20.365	-1.8	74	0.00
32 M	1,1,1-Trichloroethane	20.000	18.375	8.1	67	0.00
33 M	Carbon Tetrachloride	20.000	19.012	4.9	70	0.00
34 M	Benzene	20.000	20.607	-3.0	74	0.00
35	Methacrylonitrile	20.000	23.247	-16.2	85	0.00
36 M	1,2-Dichloroethane	20.000	22.814	-14.1	81	0.00
37 M	Trichloroethene	20.000	19.287	3.6	70	0.00
38	Methylcyclohexane	20.000	17.076	14.6	62	0.00
39 M	1,2-Dichloropropane	20.000	21.695	-8.5	79	0.00
40	Dibromomethane	20.000	23.621	-18.1	85	0.00
41 M	Bromodichloromethane	20.000	25.050	-25.3#	92	0.00
42 M	Vinyl Acetate	100.000	109.813	-9.8	80	0.00
43	Ethyl Acetate	20.000	23.564	-17.8	83	0.00
44	Isopropyl Acetate	20.000	22.136	-10.7	82	0.00
45 T	1,4-Dioxane	400.000	496.133	-24.0	89	0.00
46	Methyl methacrylate	20.000	21.881	-9.4	80	0.00
47	n-amyl Acetate	20.000	20.704	-3.5	76	0.00
48 M	t-1,3-Dichloropropene	20.000	23.419	-17.1	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033223.D
 Acq On : 05 Dec 2022 13:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 05:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 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)
49 T	cis-1,3-Dichloropropene	20.000	23.630	-18.1	88	0.00
50 M	1,1,2-Trichloroethane	20.000	23.736	-18.7	88	0.00
51	Ethyl methacrylate	20.000	21.940	-9.7	81	0.00
52	1,3-Dichloropropane	20.000	23.703	-18.5	85	0.00
53 M	Dibromochloromethane	20.000	26.680	-33.4#	101	0.00
54 M	1,2-Dibromoethane	20.000	24.265	-21.3	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.414	-5.4	77	0.00
56 M	Bromoform	20.000	27.469	-37.3#	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	113.858	-13.9	85	0.00
59 M	2-Hexanone	100.000	114.007	-14.0	85	0.00
60 S	4-Bromofluorobenzene	30.000	28.759	4.1	76	0.00
61 M	Tetrachloroethene	20.000	18.105	9.5	71	0.00
62 M	Toluene	20.000	19.087	4.6	74	0.00
63 S	Toluene-d8	30.000	28.624	4.6	74	0.00
64 M	Chlorobenzene	20.000	20.066	-0.3	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.930	-9.6	85	0.00
66 M	Ethyl Benzene	20.000	18.472	7.6	72	0.00
67 M	m/p-Xylenes	40.000	36.995	7.5	72	0.00
68 M	o-Xylene	20.000	18.988	5.1	74	0.00
69 M	Styrene	20.000	19.362	3.2	75	0.00
70	Isopropylbenzene	20.000	17.990	10.1	70	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.387	-16.9	89	0.00
72	1,2,3-Trichloropropane	20.000	21.290	-6.4	79	0.00
73	Bromobenzene	20.000	20.112	-0.6	78	0.00
74	n-propylbenzene	20.000	17.826	10.9	69	0.00
75	2-Chlorotoluene	20.000	18.810	6.0	73	0.00
76	1,3,5-Trimethylbenzene	20.000	18.172	9.1	70	0.00
77	t-1,4-Dichloro-2-butene	20.000	24.771	-23.9	102	0.00
78	4-Chlorotoluene	20.000	18.264	8.7	71	0.00
79	tert-butylbenzene	20.000	18.113	9.4	71	0.00
80	1,2,4-Trimethylbenzene	20.000	18.590	7.1	71	0.00
81	sec-Butylbenzene	20.000	17.623	11.9	69	0.00
82	p-Isopropyltoluene	20.000	17.988	10.1	70	0.00
83 M	1,3-Dichlorobenzene	20.000	19.480	2.6	75	0.00
84 M	1,4-Dichlorobenzene	20.000	19.362	3.2	75	0.00
85	n-Butylbenzene	20.000	17.333	13.3	68	0.00
86 T	Hexachloroethane	20.000	20.601	-3.0	84	0.00
87 M	1,2-Dichlorobenzene	20.000	19.998	0.0	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	24.290	-21.4	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.698	6.5	74	0.00
90	Hexachlorobutadiene	20.000	17.843	10.8	70	0.00
91 M	Naphthalene	20.000	20.556	-2.8	80	0.00
92	1,2,3-Trichlorobenzene	20.000	19.511	2.4	75	0.00

(#) = Out of Range

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