

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031425.D
 Acq On : 16 Sep 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 17 01:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	18.546	7.3	74	0.00
3 M	Chloromethane	20.000	20.189	-0.9	79	0.00
4 M	Vinyl Chloride	20.000	20.038	-0.2	78	0.00
5 M	Bromomethane	20.000	17.115	14.4	73	0.00
6 M	Chloroethane	20.000	17.205	14.0	67	0.00
7 M	Trichlorofluoromethane	20.000	17.734	11.3	73	0.00
8 T	Diethyl Ether	20.000	18.358	8.2	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.707	6.5	76	0.00
10 M	1,1-Dichloroethene	20.000	19.272	3.6	78	0.00
11	Methyl Iodide	20.000	8.634	56.8#	40	0.00
12	Methyl Acetate	20.000	19.627	1.9	81	0.00
13 M	Acrolein	100.000	94.827	5.2	80	0.00
14 M	Acrylonitrile	100.000	95.483	4.5	79	0.00
15 M	Acetone	100.000	95.362	4.6	72	0.00
16 M	Carbon Disulfide	20.000	17.869	10.7	75	0.00
17	Allyl chloride	20.000	17.655	11.7	73	0.00
18 M	Methylene Chloride	20.000	19.009	5.0	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.715	6.4	79	0.00
20 T	Diisopropyl ether	20.000	17.412	12.9	75	0.00
21 M	1,1-Dichloroethane	20.000	18.486	7.6	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.993	10.0	74	0.00
23 M	tert-Butyl Alcohol	100.000	97.921	2.1	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.898	10.5	75	0.00
25 M	Chloroform	20.000	17.935	10.3	77	0.00
26	Cyclohexane	20.000	17.558	12.2	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.465	-1.5	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	17.383	13.1	74	0.00
30 M	2-Butanone	100.000	91.256	8.7	76	0.00
31	2,2-Dichloropropane	20.000	14.107	29.5#	61	0.00
32 M	1,1,1-Trichloroethane	20.000	17.317	13.4	76	0.00
33 M	Carbon Tetrachloride	20.000	17.114	14.4	76	0.00
34 M	Benzene	20.000	17.447	12.8	76	0.00
35	Methacrylonitrile	20.000	18.005	10.0	79	0.00
36 M	1,2-Dichloroethane	20.000	17.250	13.8	78	0.00
37 M	Trichloroethene	20.000	17.895	10.5	75	0.00
38	Methylcyclohexane	20.000	16.687	16.6	71	0.00
39 M	1,2-Dichloropropane	20.000	18.272	8.6	77	0.00
40	Dibromomethane	20.000	18.778	6.1	80	0.00
41 M	Bromodichloromethane	20.000	17.322	13.4	77	0.00
42 M	Vinyl Acetate	100.000	85.363	14.6	75	0.00
43	Ethyl Acetate	20.000	18.829	5.9	81	0.00
44	Isopropyl Acetate	20.000	17.074	14.6	75	0.00
45 T	1,4-Dioxane	400.000	378.030	5.5	79	0.01
46	Methyl methacrylate	20.000	17.412	12.9	78	0.00
47	n-amyl Acetate	20.000	16.735	16.3	76	0.00
48 M	t-1,3-Dichloropropene	20.000	15.029	24.9	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.038	19.8	72	0.00
50 M	1,1,2-Trichloroethane	20.000	17.153	14.2	81	0.00
51	Ethyl methacrylate	20.000	16.354	18.2	77	0.00
52	1,3-Dichloropropane	20.000	17.203	14.0	77	0.00
53 M	Dibromochloromethane	20.000	14.887	25.6#	74	0.00
54 M	1,2-Dibromoethane	20.000	16.247	18.8	78	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.112	16.9	79	0.00
56 M	Bromoform	20.000	14.516	27.4#	77	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.708	1.3	80	0.00
59 M	2-Hexanone	100.000	97.643	2.4	78	0.00
60 S	4-Bromofluorobenzene	30.000	26.248	12.5	81	0.00
61 M	Tetrachloroethene	20.000	18.230	8.8	76	0.00
62 M	Toluene	20.000	17.683	11.6	77	0.00
63 S	Toluene-d8	30.000	29.524	1.6	86	0.00
64 M	Chlorobenzene	20.000	17.758	11.2	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.626	11.9	75	0.00
66 M	Ethyl Benzene	20.000	17.383	13.1	75	0.00
67 M	m/p-Xylenes	40.000	32.349	19.1	76	0.00
68 M	o-Xylene	20.000	16.516	17.4	74	0.00
69 M	Styrene	20.000	15.674	21.6	74	0.00
70	Isopropylbenzene	20.000	15.979	20.1	74	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.459	7.7	80	0.00
72	1,2,3-Trichloropropane	20.000	16.905	15.5	88	0.00
73	Bromobenzene	20.000	16.344	18.3	75	0.00
74	n-propylbenzene	20.000	16.256	18.7	74	0.00
75	2-Chlorotoluene	20.000	16.330	18.4	76	0.00
76	1,3,5-Trimethylbenzene	20.000	15.621	21.9	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.445	32.8#	65	0.00
78	4-Chlorotoluene	20.000	15.546	22.3	76	0.00
79	tert-butylbenzene	20.000	16.020	19.9	77	0.00
80	1,2,4-Trimethylbenzene	20.000	15.631	21.8	75	0.00
81	sec-Butylbenzene	20.000	15.940	20.3	76	0.00
82	p-Isopropyltoluene	20.000	15.151	24.2	73	0.00
83 M	1,3-Dichlorobenzene	20.000	15.612	21.9	75	0.00
84 M	1,4-Dichlorobenzene	20.000	15.151	24.2	73	0.00
85	n-Butylbenzene	20.000	15.351	23.2	71	0.00
86 T	Hexachloroethane	20.000	15.110	24.5	71	0.00
87 M	1,2-Dichlorobenzene	20.000	15.874	20.6	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.404	18.0	74	0.00
89	1,2,4-Trichlorobenzene	20.000	16.750	16.3	73	0.00
90	Hexachlorobutadiene	20.000	16.983	15.1	69	0.00
91 M	Naphthalene	20.000	17.362	13.2	77	0.00
92	1,2,3-Trichlorobenzene	20.000	17.452	12.7	78	0.00

(#) = Out of Range

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