

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043072.D
 Acq On : 16 Aug 2024 14:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:55:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 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	60	0.00
2 M	Dichlorodifluoromethane	50.000	11.269	77.5#	14	0.00
3 M	Chloromethane	50.000	16.871	66.3#	21	0.00
4 M	Vinyl Chloride	50.000	15.456	69.1#	19	0.00
5 M	Bromomethane	50.000	25.194	49.6#	31	0.00
6 M	Chloroethane	50.000	32.267	35.5#	39	0.00
7 M	Trichlorofluoromethane	50.000	17.321	65.4#	21	0.00
8 T	Diethyl Ether	50.000	26.796	46.4#	32	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	11.166	77.7#	14	0.00
10 M	1,1-Dichloroethene	50.000	14.100	71.8#	17	0.00
11	Methyl Iodide	50.000	16.269	67.5#	19	0.00
12	Methyl Acetate	50.000	19.909	60.2#	24	0.00
13 M	Acrolein	250.000	80.755	67.7#	19	0.00
14 M	Acrylonitrile	250.000	97.105	61.2#	23	0.00
15 M	Acetone	250.000	86.129	65.5#	21	0.00
16 M	Carbon Disulfide	50.000	13.268	73.5#	16	0.00
17	Allyl chloride	50.000	16.015	68.0#	19	0.00
18 M	Methylene Chloride	50.000	18.605	62.8#	23	0.00
19 M	trans-1,2-Dichloroethene	50.000	15.529	68.9#	19	0.00
20 T	Diisopropyl ether	50.000	18.107	63.8#	21	0.00
21 M	1,1-Dichloroethane	50.000	16.795	66.4#	20	0.00
22 M	cis-1,2-Dichloroethene	50.000	17.730	64.5#	21	0.00
23 M	tert-Butyl Alcohol	250.000	90.842	63.7#	22	-0.01
24 M	Methyl tert-Butyl Ether	50.000	18.861	62.3#	23	0.00
25 M	Chloroform	50.000	17.646	64.7#	21	0.00
26	Cyclohexane	50.000	10.142	79.7#	12	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.404	5.3	56	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	48	0.00
29	1,1-Dichloropropene	50.000	15.420	69.2#	15	0.00
30 M	2-Butanone	250.000	110.970	55.6#	22	-0.01
31	2,2-Dichloropropane	50.000	13.460	73.1#	13	0.00
32 M	1,1,1-Trichloroethane	50.000	17.914	64.2#	18	0.00
33 M	Carbon Tetrachloride	50.000	16.828	66.3#	16	0.00
34 M	Benzene	50.000	19.814	60.4#	20	0.00
35	Methacrylonitrile	50.000	23.184	53.6#	23	-0.01
36 M	1,2-Dichloroethane	50.000	22.787	54.4#	22	0.00
37 M	Trichloroethene	50.000	18.380	63.2#	18	0.00
38	Methylcyclohexane	50.000	12.818	74.4#	13	0.00
39 M	1,2-Dichloropropane	50.000	20.408	59.2#	20	0.00
40	Dibromomethane	50.000	23.388	53.2#	23	0.00
41 M	Bromodichloromethane	50.000	21.572	56.9#	21	0.00
42 M	Vinyl Acetate	250.000	115.837	53.7#	22	0.00
43	Ethyl Acetate	50.000	23.216	53.6#	23	0.00
44	Isopropyl Acetate	50.000	22.269	55.5#	22	0.00
45 T	1,4-Dioxane	1000.000	380.074	62.0#	19	0.00
46	Methyl methacrylate	50.000	22.068	55.9#	22	0.00
47	n-amyl Acetate	50.000	20.763	58.5#	20	0.00
48 M	t-1,3-Dichloropropene	50.000	18.850	62.3#	19	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	50.000	19.335	61.3#	19	0.00
50 M	1,1,2-Trichloroethane	50.000	22.642	54.7#	22	0.00
51	Ethyl methacrylate	50.000	21.554	56.9#	21	0.00
52	1,3-Dichloropropane	50.000	22.075	55.9#	22	0.00
53 M	Dibromochloromethane	50.000	22.147	55.7#	22	0.00
54 M	1,2-Dibromoethane	50.000	23.129	53.7#	23	0.00
55 M	2-Chloroethyl vinyl ether	250.000	112.485	55.0#	22	0.00
56 M	Bromoform	50.000	22.147	55.7#	22	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	47	0.00
58 M	4-Methyl-2-Pentanone	250.000	121.040	51.6#	23	0.00
59 M	2-Hexanone	250.000	116.773	53.3#	22	0.00
60 S	4-Bromofluorobenzene	30.000	27.043	9.9	43	0.00
61 M	Tetrachloroethene	50.000	18.062	63.9#	17	0.00
62 M	Toluene	50.000	19.427	61.1#	19	0.00
63 S	Toluene-d8	30.000	29.178	2.7	46	0.00
64 M	Chlorobenzene	50.000	19.862	60.3#	19	0.00
65	1,1,1,2-Tetrachloroethane	50.000	20.801	58.4#	20	0.00
66 M	Ethyl Benzene	50.000	17.358	65.3#	17	0.00
67 M	m/p-Xylenes	100.000	35.945	64.1#	17	0.00
68 M	o-Xylene	50.000	18.593	62.8#	18	0.00
69 M	Styrene	50.000	19.387	61.2#	18	0.00
70	Isopropylbenzene	50.000	16.652	66.7#	16	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	23.020	54.0#	22	0.00
72	1,2,3-Trichloropropane	50.000	21.258	57.5#	21	0.00
73	Bromobenzene	50.000	20.616	58.8#	20	0.00
74	n-propylbenzene	50.000	15.652	68.7#	15	0.00
75	2-Chlorotoluene	50.000	16.677	66.6#	16	0.00
76	1,3,5-Trimethylbenzene	50.000	16.821	66.4#	16	0.00
77	t-1,4-Dichloro-2-butene	50.000	16.261	67.5#	16	0.00
78	4-Chlorotoluene	50.000	16.519	67.0#	16	0.00
79	tert-butylbenzene	50.000	17.134	65.7#	16	0.00
80	1,2,4-Trimethylbenzene	50.000	16.791	66.4#	16	0.00
81	sec-Butylbenzene	50.000	15.473	69.1#	15	0.00
82	p-Isopropyltoluene	50.000	15.502	69.0#	15	0.00
83 M	1,3-Dichlorobenzene	50.000	18.873	62.3#	18	0.00
84 M	1,4-Dichlorobenzene	50.000	18.297	63.4#	18	0.00
85	n-Butylbenzene	50.000	14.153	71.7#	13	0.00
86 T	Hexachloroethane	50.000	14.701	70.6#	14	0.00
87 M	1,2-Dichlorobenzene	50.000	19.965	60.1#	19	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	20.080	59.8#	20	0.00
89	1,2,4-Trichlorobenzene	50.000	18.332	63.3#	18	0.00
90	Hexachlorobutadiene	50.000	15.750	68.5#	15	0.00
91 M	Naphthalene	50.000	20.725	58.6#	20	0.00
92	1,2,3-Trichlorobenzene	50.000	18.774	62.5#	18	0.00

(#) = Out of Range

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