

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X033123\
 Data File : VX034889.D
 Acq On : 31 Mar 2023 19:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 01 03:39:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 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	74	0.00
2 M	Dichlorodifluoromethane	20.000	18.862	5.7	75	0.00
3 M	Chloromethane	20.000	18.791	6.0	69	0.00
4 M	Vinyl Chloride	20.000	18.819	5.9	72	0.00
5 M	Bromomethane	20.000	15.204	24.0	57	0.00
6 M	Chloroethane	20.000	19.285	3.6	75	0.00
7 M	Trichlorofluoromethane	20.000	19.528	2.4	77	0.00
8 T	Diethyl Ether	20.000	20.002	-0.0	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.786	6.1	76	0.00
10 M	1,1-Dichloroethene	20.000	17.863	10.7	71	0.00
11	Methyl Iodide	20.000	10.067	49.7#	41	0.00
12	Methyl Acetate	20.000	18.230	8.8	70	0.00
13 M	Acrolein	100.000	72.702	27.3#	54	0.00
14 M	Acrylonitrile	100.000	91.074	8.9	69	0.00
15 M	Acetone	100.000	94.596	5.4	72	0.00
16 M	Carbon Disulfide	20.000	15.253	23.7	63	0.00
17	Allyl chloride	20.000	16.979	15.1	67	0.00
18 M	Methylene Chloride	20.000	17.762	11.2	67	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.822	10.9	71	0.00
20 T	Diisopropyl ether	20.000	18.178	9.1	69	0.00
21 M	1,1-Dichloroethane	20.000	17.736	11.3	69	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.830	10.9	70	0.00
23 M	tert-Butyl Alcohol	100.000	86.160	13.8	65	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.641	11.8	68	0.00
25 M	Chloroform	20.000	17.584	12.1	70	0.00
26	Cyclohexane	20.000	17.565	12.2	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.986	-3.3	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	17.225	13.9	72	0.00
30 M	2-Butanone	100.000	87.316	12.7	68	0.00
31	2,2-Dichloropropane	20.000	15.152	24.2	63	0.00
32 M	1,1,1-Trichloroethane	20.000	16.470	17.7	69	0.00
33 M	Carbon Tetrachloride	20.000	16.048	19.8	69	0.00
34 M	Benzene	20.000	17.603	12.0	69	0.00
35	Methacrylonitrile	20.000	17.379	13.1	69	0.00
36 M	1,2-Dichloroethane	20.000	17.654	11.7	71	0.00
37 M	Trichloroethene	20.000	16.885	15.6	69	0.00
38	Methylcyclohexane	20.000	16.547	17.3	69	0.00
39 M	1,2-Dichloropropane	20.000	17.611	11.9	70	0.00
40	Dibromomethane	20.000	17.863	10.7	70	0.00
41 M	Bromodichloromethane	20.000	16.103	19.5	66	0.00
42 M	Vinyl Acetate	100.000	85.795	14.2	66	0.00
43	Ethyl Acetate	20.000	17.975	10.1	69	0.00
44	Isopropyl Acetate	20.000	16.604	17.0	65	0.00
45 T	1,4-Dioxane	400.000	357.697	10.6	66	0.01
46	Methyl methacrylate	20.000	17.146	14.3	69	0.00
47	n-amyl Acetate	20.000	17.900	10.5	72	0.00
48 M	t-1,3-Dichloropropene	20.000	15.726	21.4	67	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	15.290	23.6	63	0.00
50 M	1,1,2-Trichloroethane	20.000	18.769	6.2	75	0.00
51	Ethyl methacrylate	20.000	18.111	9.4	73	0.00
52	1,3-Dichloropropane	20.000	20.870	-4.4	82	0.00
53 M	Dibromochloromethane	20.000	18.340	8.3	77	0.00
54 M	1,2-Dibromoethane	20.000	20.166	-0.8	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.729	-4.7	81	0.00
56 M	Bromoform	20.000	15.287	23.6	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.890	20.1	69	0.00
59 M	2-Hexanone	100.000	92.634	7.4	81	0.00
60 S	4-Bromofluorobenzene	30.000	24.705	17.7	76	0.00
61 M	Tetrachloroethene	20.000	17.667	11.7	84	0.00
62 M	Toluene	20.000	15.487	22.6	71	0.00
63 S	Toluene-d8	30.000	26.912	10.3	80	0.00
64 M	Chlorobenzene	20.000	17.065	14.7	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	15.323	23.4	71	0.00
66 M	Ethyl Benzene	20.000	16.718	16.4	78	0.00
67 M	m/p-Xylenes	40.000	33.950	15.1	80	0.00
68 M	o-Xylene	20.000	17.225	13.9	80	0.00
69 M	Styrene	20.000	16.535	17.3	78	0.00
70	Isopropylbenzene	20.000	15.688	21.6	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.468	22.7	69	0.00
72	1,2,3-Trichloropropane	20.000	15.161	24.2	68	0.00
73	Bromobenzene	20.000	14.935	25.3#	70	0.00
74	n-propylbenzene	20.000	14.822	25.9#	71	0.00
75	2-Chlorotoluene	20.000	14.966	25.2#	72	0.00
76	1,3,5-Trimethylbenzene	20.000	14.684	26.6#	70	0.00
77	t-1,4-Dichloro-2-butene	20.000	10.084	49.6#	53	0.00
78	4-Chlorotoluene	20.000	14.812	25.9#	72	0.00
79	tert-butylbenzene	20.000	14.447	27.8#	70	0.00
80	1,2,4-Trimethylbenzene	20.000	14.902	25.5#	71	0.00
81	sec-Butylbenzene	20.000	14.540	27.3#	71	0.00
82	p-Isopropyltoluene	20.000	14.084	29.6#	69	0.00
83 M	1,3-Dichlorobenzene	20.000	14.674	26.6#	70	0.00
84 M	1,4-Dichlorobenzene	20.000	14.378	28.1#	69	0.00
85	n-Butylbenzene	20.000	13.866	30.7#	69	0.00
86 T	Hexachloroethane	20.000	11.885	40.6#	65	0.00
87 M	1,2-Dichlorobenzene	20.000	14.555	27.2#	67	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	12.664	36.7#	64	0.00
89	1,2,4-Trichlorobenzene	20.000	13.388	33.1#	65	0.00
90	Hexachlorobutadiene	20.000	13.553	32.2#	66	0.00
91 M	Naphthalene	20.000	14.467	27.7#	66	0.00
92	1,2,3-Trichlorobenzene	20.000	13.843	30.8#	65	0.00

(#) = Out of Range

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