

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	85	0.00
2 M	Dichlorodifluoromethane	1.625	1.507	7.3	74	0.00
3 M	Chloromethane	2.240	2.262	-1.0	79	0.00
4 M	Vinyl Chloride	2.596	2.601	-0.2	78	0.00
5 M	Bromomethane	3.439	2.943	14.4	73	0.00
6 M	Chloroethane	3.062	2.634	14.0	67	0.00
7 M	Trichlorofluoromethane	6.323	5.607	11.3	73	0.00
8 T	Diethyl Ether	2.108	1.935	8.2	78	0.00
9	1,1,2-Trichlorotrifluoroeth	2.154	2.015	6.5	76	0.00
10 M	1,1-Dichloroethene	2.016	1.943	3.6	78	0.00
11	Methyl Iodide	2.323	1.049	54.8#	40#	0.00
12	Methyl Acetate	3.102	3.045	1.8	81	0.00
13 M	Acrolein	0.412	0.390	5.3	80	0.00
14 M	Acrylonitrile	1.265	1.208	4.5	79	0.00
15 M	Acetone	0.354	0.338	4.5	72	0.00
16 M	Carbon Disulfide	5.204	4.650	10.6	75	0.00
17	Allyl chloride	3.268	2.885	11.7	73	0.00
18 M	Methylene Chloride	2.332	2.217	4.9	76	0.00
19 M	trans-1,2-Dichloroethene	2.372	2.219	6.5	79	0.00
20 T	Diisopropyl ether	7.675	6.682	12.9	75	0.00
21 M	1,1-Dichloroethane	4.045	3.739	7.6	75	0.00
22 M	cis-1,2-Dichloroethene	2.701	2.430	10.0	74	0.00
23 M	tert-Butyl Alcohol	0.652	0.638	2.1	85	0.00
24 M	Methyl tert-Butyl Ether	7.639	6.837	10.5	75	0.00
25 M	Chloroform	4.614	4.137	10.3	77	0.00
26	Cyclohexane	3.653	3.207	12.2	73	0.00
27 s	1,2-Dichloroethane-d4	2.703	2.745	-1.6	86	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.604	0.525	13.1	74	0.00
30 M	2-Butanone	0.341	0.311	8.8	76	0.00
31	2,2-Dichloropropane	0.675	0.476	29.5#	61	0.00
32 M	1,1,1-Trichloroethane	0.747	0.647	13.4	76	0.00
33 M	Carbon Tetrachloride	0.660	0.565	14.4	76	0.00
34 M	Benzene	1.777	1.550	12.8	76	0.00
35	Methacrylonitrile	0.341	0.307	10.0	79	0.00
36 M	1,2-Dichloroethane	0.671	0.579	13.7	78	0.00
37 M	Trichloroethene	0.481	0.430	10.6	75	0.00
38	Methylcyclohexane	0.706	0.589	16.6	71	0.00
39 M	1,2-Dichloropropane	0.426	0.390	8.5	77	0.00
40	Dibromomethane	0.330	0.310	6.1	80	0.00
41 M	Bromodichloromethane	0.647	0.560	13.4	77	0.00
42 M	Vinyl Acetate	1.222	1.043	14.6	75	0.00
43	Ethyl Acetate	0.668	0.629	5.8	81	0.00
44	Isopropyl Acetate	1.110	0.947	14.7	75	0.00
45 T	1,4-Dioxane	0.012	0.011	8.3	79	0.01
46	Methyl methacrylate	0.497	0.433	12.9	78	0.00
47	n-amyl Acetate	0.990	0.828	16.4	76	0.00
48 M	t-1,3-Dichloropropene	0.737	0.554	24.8	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.750	0.602	19.7	72	0.00
50 M	1,1,2-Trichloroethane	0.499	0.428	14.2	81	0.00
51	Ethyl methacrylate	0.745	0.609	18.3	77	0.00
52	1,3-Dichloropropane	0.810	0.696	14.1	77	0.00
53 M	Dibromochloromethane	0.556	0.414	25.5#	74	0.00
54 M	1,2-Dibromoethane	0.550	0.447	18.7	78	0.00
55 M	2-Chloroethyl vinyl ether	0.383	0.318	17.0	79	0.00
56 M	Bromoform	0.417	0.302	27.6#	77	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.719	0.709	1.4	80	0.00
59 M	2-Hexanone	0.550	0.537	2.4	78	0.00
60 S	4-Bromofluorobenzene	0.605	0.529	12.6	81	0.00
61 M	Tetrachloroethene	0.487	0.444	8.8	76	0.00
62 M	Toluene	2.170	1.919	11.6	77	0.00
63 S	Toluene-d8	1.642	1.616	1.6	86	0.00
64 M	Chlorobenzene	1.349	1.198	11.2	76	0.00
65	1,1,1,2-Tetrachloroethane	0.496	0.437	11.9	75	0.00
66 M	Ethyl Benzene	2.414	2.098	13.1	75	0.00
67 M	m/p-Xylenes	1.023	0.828	19.1	76	0.00
68 M	o-Xylene	0.975	0.805	17.4	74	0.00
69 M	Styrene	1.663	1.303	21.6	74	0.00
70	Isopropylbenzene	2.598	2.076	20.1	74	0.00
71 M	1,1,2,2-Tetrachloroethane	0.806	0.744	7.7	80	0.00
72	1,2,3-Trichloropropane	0.740	0.626	15.4	88	0.00
73	Bromobenzene	0.626	0.512	18.2	75	0.00
74	n-propylbenzene	3.024	2.458	18.7	74	0.00
75	2-Chlorotoluene	1.771	1.446	18.4	76	0.00
76	1,3,5-Trimethylbenzene	2.301	1.797	21.9	75	0.00
77	t-1,4-Dichloro-2-butene	0.250	0.168	32.8#	65	0.00
78	4-Chlorotoluene	2.115	1.644	22.3	76	0.00
79	tert-butylbenzene	2.176	1.743	19.9	77	0.00
80	1,2,4-Trimethylbenzene	2.231	1.744	21.8	75	0.00
81	sec-Butylbenzene	2.763	2.203	20.3	76	0.00
82	p-Isopropyltoluene	2.359	1.787	24.2	73	0.00
83 M	1,3-Dichlorobenzene	1.239	0.967	22.0	75	0.00
84 M	1,4-Dichlorobenzene	1.273	0.964	24.3	73	0.00
85	n-Butylbenzene	1.982	1.522	23.2	71	0.00
86 T	Hexachloroethane	0.396	0.299	24.5	71	0.00
87 M	1,2-Dichlorobenzene	1.231	0.977	20.6	75	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.141	18.0	74	0.00
89	1,2,4-Trichlorobenzene	0.676	0.566	16.3	73	0.00
90	Hexachlorobutadiene	0.248	0.210	15.3	69	0.00
91 M	Naphthalene	2.437	2.116	13.2	77	0.00
92	1,2,3-Trichlorobenzene	0.678	0.592	12.7	78	0.00

(#) = Out of Range

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