

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072921\
 Data File : VX023504.D
 Acq On : 28 Jul 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 29 03:17:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072921W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 29 03:13:17 2021
 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	92	0.00
2 M	Dichlorodifluoromethane	1.753	1.585	9.6	94	0.00
3 M	Chloromethane	1.977	1.775	10.2	93	0.00
4 M	Vinyl Chloride	1.975	1.775	10.1	94	0.00
5 M	Bromomethane	1.197	1.266	-5.8	97	0.00
6 M	Chloroethane	1.231	1.085	11.9	91	0.00
7 M	Trichlorofluoromethane	3.143	2.840	9.6	96	0.00
8 T	Diethyl Ether	1.134	1.017	10.3	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.758	1.569	10.8	93	0.00
10 M	1,1-Dichloroethene	1.698	1.498	11.8	94	0.00
11	Methyl Iodide	2.381	2.041	14.3	97	0.00
12	Methyl Acetate	2.561	2.337	8.7	94	0.00
13 M	Acrolein	0.296	0.247	16.6	91	0.00
14 M	Acrylonitrile	1.146	1.037	9.5	93	0.00
15 M	Acetone	0.325	0.294	9.5	87	0.00
16 M	Carbon Disulfide	4.070	3.536	13.1	99	0.00
17	Allyl chloride	3.113	2.717	12.7	92	0.00
18 M	Methylene Chloride	2.025	1.836	9.3	93	0.00
19 M	trans-1,2-Dichloroethene	1.821	1.648	9.5	95	0.00
20 T	Diisopropyl ether	6.281	5.601	10.8	93	0.00
21 M	1,1-Dichloroethane	3.409	3.075	9.8	95	0.00
22 M	cis-1,2-Dichloroethene	2.153	1.895	12.0	91	0.00
23 M	tert-Butyl Alcohol	0.505	0.483	4.4	98	0.00
24 M	Methyl tert-Butyl Ether	6.045	5.393	10.8	95	0.00
25 M	Chloroform	3.528	3.150	10.7	94	0.00
26	Cyclohexane	3.157	2.789	11.7	93	0.00
27 s	1,2-Dichloroethane-d4	2.278	2.277	0.0	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.459	0.415	9.6	93	0.00
30 M	2-Butanone	0.301	0.270	10.3	91	0.00
31	2,2-Dichloropropane	0.497	0.384	22.7	82	0.00
32 M	1,1,1-Trichloroethane	0.541	0.477	11.8	93	0.00
33 M	Carbon Tetrachloride	0.469	0.407	13.2	95	0.00
34 M	Benzene	1.362	1.240	9.0	95	0.00
35	Methacrylonitrile	0.304	0.274	9.9	95	0.00
36 M	1,2-Dichloroethane	0.516	0.464	10.1	94	0.00
37 M	Trichloroethene	0.370	0.331	10.5	94	0.00
38	Methylcyclohexane	0.581	0.501	13.8	92	0.00
39 M	1,2-Dichloropropane	0.356	0.323	9.3	96	0.00
40	Dibromomethane	0.246	0.221	10.2	95	0.00
41 M	Bromodichloromethane	0.447	0.388	13.2	96	0.00
42 M	Vinyl Acetate	0.987	0.892	9.6	94	0.00
43	Ethyl Acetate	0.572	0.497	13.1	91	0.00
44	Isopropyl Acetate	0.905	0.806	10.9	94	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	98	0.00
46	Methyl methacrylate	0.435	0.387	11.0	95	0.00
47	n-amyl Acetate	0.758	0.677	10.7	96	0.00
48 M	t-1,3-Dichloropropene	0.522	0.421	19.3	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.557	0.469	15.8	93	0.00
50 M	1,1,2-Trichloroethane	0.362	0.319	11.9	92	0.00
51	Ethyl methacrylate	0.584	0.501	14.2	93	0.00
52	1,3-Dichloropropane	0.601	0.538	10.5	92	0.00
53 M	Dibromochloromethane	0.352	0.298	15.3	97	0.00
54 M	1,2-Dibromoethane	0.384	0.337	12.2	94	0.00
55 M	2-Chloroethyl vinyl ether	0.289	0.263	9.0	94	0.00
56 M	Bromoform	0.249	0.205	17.7	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.627	0.586	6.5	94	0.00
59 M	2-Hexanone	0.485	0.454	6.4	94	0.00
60 S	4-Bromofluorobenzene	0.485	0.483	0.4	95	0.00
61 M	Tetrachloroethene	0.391	0.356	9.0	95	0.00
62 M	Toluene	1.659	1.496	9.8	95	0.00
63 S	Toluene-d8	1.353	1.372	-1.4	94	0.00
64 M	Chlorobenzene	1.033	0.923	10.6	94	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.329	11.1	95	0.00
66 M	Ethyl Benzene	1.832	1.641	10.4	95	0.00
67 M	m/p-Xylenes	0.697	0.629	9.8	97	0.00
68 M	o-Xylene	0.693	0.635	8.4	99	0.00
69 M	Styrene	1.123	1.003	10.7	96	0.00
70	Isopropylbenzene	1.804	1.636	9.3	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.579	0.568	1.9	101	0.00
72	1,2,3-Trichloropropane	0.538	0.514	4.5	98	0.00
73	Bromobenzene	0.448	0.406	9.4	96	0.00
74	n-propylbenzene	2.083	1.871	10.2	97	0.00
75	2-Chlorotoluene	1.248	1.132	9.3	97	0.00
76	1,3,5-Trimethylbenzene	1.501	1.350	10.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.147	21.4	90	0.00
78	4-Chlorotoluene	1.401	1.247	11.0	96	0.00
79	tert-butylbenzene	1.461	1.330	9.0	99	0.00
80	1,2,4-Trimethylbenzene	1.479	1.333	9.9	96	0.00
81	sec-Butylbenzene	1.867	1.677	10.2	97	0.00
82	p-Isopropyltoluene	1.541	1.374	10.8	96	0.00
83 M	1,3-Dichlorobenzene	0.793	0.729	8.1	100	0.00
84 M	1,4-Dichlorobenzene	0.788	0.711	9.8	97	0.00
85	n-Butylbenzene	1.363	1.178	13.6	96	0.00
86 T	Hexachloroethane	0.243	0.211	13.2	102	0.00
87 M	1,2-Dichlorobenzene	0.763	0.730	4.3	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.125	0.108	13.6	99	0.00
89	1,2,4-Trichlorobenzene	0.474	0.420	11.4	98	0.00
90	Hexachlorobutadiene	0.211	0.190	10.0	97	0.00
91 M	Naphthalene	1.649	1.480	10.2	97	0.00
92	1,2,3-Trichlorobenzene	0.480	0.423	11.9	97	0.00

(#) = Out of Range

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