

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028621.D
 Acq On : 11 May 2022 14:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 12 04:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 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	78	0.00
2 M	Dichlorodifluoromethane	1.061	0.965	9.0	69	0.00
3 M	Chloromethane	0.837	0.793	5.3	73	0.00
4 M	Vinyl Chloride	1.064	1.046	1.7	76	0.00
5 M	Bromomethane	0.876	0.828	5.5	75	0.00
6 M	Chloroethane	0.819	0.815	0.5	78	0.00
7 M	Trichlorofluoromethane	2.326	2.323	0.1	79	0.00
8 T	Diethyl Ether	0.917	0.906	1.2	78	0.00
9	1,1,2-Trichlorotrifluoroeth	1.368	1.310	4.2	79	0.00
10 M	1,1-Dichloroethene	1.131	1.048	7.3	76	0.00
11	Methyl Iodide	1.519	1.295	14.7	74	0.00
12	Methyl Acetate	1.806	1.767	2.2	76	0.00
13 M	Acrolein	0.366	0.287	21.6	64	0.00
14 M	Acrylonitrile	0.822	0.772	6.1	72	0.00
15 M	Acetone	0.233	0.222	4.7	74	0.00
16 M	Carbon Disulfide	1.337	1.302	2.6	83	0.00
17	Allyl chloride	1.699	1.512	11.0	72	0.00
18 M	Methylene Chloride	1.453	1.370	5.7	76	0.00
19 M	trans-1,2-Dichloroethene	1.249	1.197	4.2	77	0.00
20 T	Diisopropyl ether	4.224	4.075	3.5	76	0.00
21 M	1,1-Dichloroethane	2.497	2.376	4.8	76	0.00
22 M	cis-1,2-Dichloroethene	1.759	1.643	6.6	74	0.00
23 M	tert-Butyl Alcohol	0.444	0.320	27.9#	56	0.00
24 M	Methyl tert-Butyl Ether	4.973	4.524	9.0	72	0.00
25 M	Chloroform	2.934	2.858	2.6	77	0.00
26	Cyclohexane	1.578	1.484	6.0	74	0.00
27 s	1,2-Dichloroethane-d4	1.908	2.015	-5.6	82	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.319	0.299	6.3	74	0.00
30 M	2-Butanone	0.201	0.188	6.5	72	0.00
31	2,2-Dichloropropane	0.392	0.343	12.5	71	0.00
32 M	1,1,1-Trichloroethane	0.449	0.426	5.1	77	0.00
33 M	Carbon Tetrachloride	0.382	0.357	6.5	76	0.00
34 M	Benzene	1.016	0.980	3.5	77	0.00
35	Methacrylonitrile	0.203	0.189	6.9	71	0.00
36 M	1,2-Dichloroethane	0.379	0.372	1.8	77	0.00
37 M	Trichloroethene	0.311	0.291	6.4	76	0.00
38	Methylcyclohexane	0.327	0.312	4.6	76	0.00
39 M	1,2-Dichloropropane	0.267	0.256	4.1	76	0.00
40	Dibromomethane	0.205	0.200	2.4	77	0.00
41 M	Bromodichloromethane	0.389	0.382	1.8	82	0.00
42 M	Vinyl Acetate	0.623	0.593	4.8	74	0.00
43	Ethyl Acetate	0.376	0.343	8.8	71	0.00
44	Isopropyl Acetate	0.607	0.544	10.4	72	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	68	0.00
46	Methyl methacrylate	0.277	0.262	5.4	76	0.00
47	n-amyl Acetate	0.525	0.476	9.3	75	0.00
48 M	t-1,3-Dichloropropene	0.408	0.359	12.0	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.439	0.398	9.3	74	0.00
50 M	1,1,2-Trichloroethane	0.322	0.320	0.6	80	0.00
51	Ethyl methacrylate	0.461	0.425	7.8	75	0.00
52	1,3-Dichloropropane	0.504	0.489	3.0	77	0.00
53 M	Dibromochloromethane	0.330	0.317	3.9	82	0.00
54 M	1,2-Dibromoethane	0.335	0.321	4.2	76	0.00
55 M	2-Chloroethyl vinyl ether	0.242	0.236	2.5	79	0.00
56 M	Bromoform	0.254	0.234	7.9	85	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	0.436	0.419	3.9	74	0.00
59 M	2-Hexanone	0.338	0.323	4.4	74	0.00
60 S	4-Bromofluorobenzene	0.467	0.476	-1.9	82	0.00
61 M	Tetrachloroethene	0.331	0.312	5.7	77	0.00
62 M	Toluene	1.301	1.255	3.5	77	0.00
63 S	Toluene-d8	1.271	1.309	-3.0	81	0.00
64 M	Chlorobenzene	0.918	0.866	5.7	76	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.330	8.1	76	0.00
66 M	Ethyl Benzene	1.534	1.478	3.7	77	0.00
67 M	m/p-Xylenes	0.615	0.586	4.7	77	0.00
68 M	o-Xylene	0.625	0.597	4.5	77	0.00
69 M	Styrene	1.044	1.009	3.4	79	0.00
70	Isopropylbenzene	1.626	1.593	2.0	78	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.544	1.4	79	0.00
72	1,2,3-Trichloropropane	0.491	0.476	3.1	77	0.00
73	Bromobenzene	0.438	0.410	6.4	78	0.00
74	n-propylbenzene	1.813	1.788	1.4	80	0.00
75	2-Chlorotoluene	1.123	1.100	2.0	79	0.00
76	1,3,5-Trimethylbenzene	1.363	1.336	2.0	79	0.00
77	t-1,4-Dichloro-2-butene	0.149	0.123	17.4	77	0.00
78	4-Chlorotoluene	1.270	1.253	1.3	81	0.00
79	tert-butylbenzene	1.383	1.307	5.5	79	0.00
80	1,2,4-Trimethylbenzene	1.369	1.323	3.4	79	0.00
81	sec-Butylbenzene	1.640	1.617	1.4	81	0.00
82	p-Isopropyltoluene	1.423	1.377	3.2	80	0.00
83 M	1,3-Dichlorobenzene	0.822	0.786	4.4	79	0.00
84 M	1,4-Dichlorobenzene	0.836	0.789	5.6	79	0.00
85	n-Butylbenzene	1.149	1.135	1.2	83	0.00
86 T	Hexachloroethane	0.224	0.213	4.9	85	0.00
87 M	1,2-Dichlorobenzene	0.828	0.785	5.2	78	0.00
88	1,2-Dibromo-3-Chloropropane	0.118	0.108	8.5	77	0.00
89	1,2,4-Trichlorobenzene	0.517	0.474	8.3	79	0.00
90	Hexachlorobutadiene	0.219	0.207	5.5	81	0.00
91 M	Naphthalene	1.808	1.575	12.9	72	0.00
92	1,2,3-Trichlorobenzene	0.519	0.483	6.9	80	0.00

(#) = Out of Range

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