

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036176.D
 Acq On : 15 Jun 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 16 07:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	108	0.00
2 M	Dichlorodifluoromethane	1.534	1.303	15.1	143	0.00
3 M	Chloromethane	1.882	1.461	22.4	95	0.00
4 M	Vinyl Chloride	1.769	1.355	23.4	101	0.00
5 M	Bromomethane	1.190	0.875	26.5#	87	0.00
6 M	Chloroethane	1.115	0.821	26.4#	91	0.00
7 M	Trichlorofluoromethane	2.681	2.084	22.3	118	0.00
8 T	Diethyl Ether	1.115	0.938	15.9	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.443	1.266	12.3	143	0.00
10 M	1,1-Dichloroethene	1.504	1.206	19.8	104	0.00
11	Methyl Iodide	1.817	1.286	29.2#	88	0.00
12	Methyl Acetate	4.249	4.160	2.1	108	0.00
13 M	Acrolein	0.336	0.317	5.7	113	0.00
14 M	Acrylonitrile	1.065	0.972	8.7	103	0.00
15 M	Acetone	0.319	0.249	21.9	84	0.00
16 M	Carbon Disulfide	3.264	2.332	28.6#	100	0.00
17	Allyl chloride	3.034	2.646	12.8	106	0.00
18 M	Methylene Chloride	1.958	1.568	19.9	93	0.00
19 M	trans-1,2-Dichloroethene	1.695	1.377	18.8	96	0.00
20 T	Diisopropyl ether	6.550	5.882	10.2	103	0.00
21 M	1,1-Dichloroethane	3.433	3.022	12.0	104	0.00
22 M	cis-1,2-Dichloroethene	2.098	1.739	17.1	98	0.00
23 M	tert-Butyl Alcohol	0.389	0.382	1.8	108	0.00
24 M	Methyl tert-Butyl Ether	6.061	5.733	5.4	109	0.00
25 M	Chloroform	3.523	3.313	6.0	113	0.00
26	Cyclohexane	2.596	1.973	24.0	122	0.00
27 s	1,2-Dichloroethane-d4	2.493	2.989	-19.9	133	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
29	1,1-Dichloropropene	0.418	0.348	16.7	114	0.00
30 M	2-Butanone	0.273	0.235	13.9	98	0.00
31	2,2-Dichloropropane	0.449	0.392	12.7	116	0.00
32 M	1,1,1-Trichloroethane	0.488	0.444	9.0	121	0.00
33 M	Carbon Tetrachloride	0.385	0.343	10.9	125	0.00
34 M	Benzene	1.318	1.077	18.3	99	0.00
35	Methacrylonitrile	0.292	0.268	8.2	108	0.00
36 M	1,2-Dichloroethane	0.513	0.507	1.2	117	0.00
37 M	Trichloroethene	0.331	0.256	22.7	96	0.00
38	Methylcyclohexane	0.458	0.327	28.6#	127	0.00
39 M	1,2-Dichloropropane	0.355	0.294	17.2	100	0.00
40	Dibromomethane	0.240	0.212	11.7	105	0.00
41 M	Bromodichloromethane	0.434	0.407	6.2	115	0.00
42 M	Vinyl Acetate	0.803	0.704	12.3	107	0.00
43	Ethyl Acetate	0.522	0.465	10.9	108	0.00
44	Isopropyl Acetate	0.850	0.763	10.2	109	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	83	0.00
46	Methyl methacrylate	0.411	0.378	8.0	113	0.00
47	n-amyl Acetate	0.714	0.628	12.0	108	0.00
48 M	t-1,3-Dichloropropene	0.480	0.413	14.0	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.530	0.454	14.3	105	0.00
50 M	1,1,2-Trichloroethane	0.343	0.295	14.0	102	0.00
51	Ethyl methacrylate	0.529	0.469	11.3	109	0.00
52	1,3-Dichloropropane	0.598	0.537	10.2	105	0.00
53 M	Dibromochloromethane	0.315	0.282	10.5	113	0.00
54 M	1,2-Dibromoethane	0.357	0.314	12.0	104	0.00
55 M	2-Chloroethyl vinyl ether	0.281	0.260	7.5	104	0.00
56 M	Bromoform	0.204	0.180	11.8	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	119	0.00
58 M	4-Methyl-2-Pentanone	0.583	0.535	8.2	108	0.00
59 M	2-Hexanone	0.438	0.397	9.4	105	0.00
60 S	4-Bromofluorobenzene	0.503	0.517	-2.8	123	0.00
61 M	Tetrachloroethene	0.289	0.221	23.5	98	0.00
62 M	Toluene	1.545	1.252	19.0	100	0.00
63 S	Toluene-d8	1.326	1.296	2.3	117	0.00
64 M	Chlorobenzene	0.978	0.798	18.4	100	0.00
65	1,1,1,2-Tetrachloroethane	0.342	0.289	15.5	107	0.00
66 M	Ethyl Benzene	1.728	1.443	16.5	107	0.00
67 M	m/p-Xylenes	0.654	0.544	16.8	104	0.00
68 M	o-Xylene	0.654	0.544	16.8	102	0.00
69 M	Styrene	1.080	0.900	16.7	103	0.00
70	Isopropylbenzene	1.670	1.410	15.6	109	0.00
71 M	1,1,2,2-Tetrachloroethane	0.591	0.524	11.3	105	0.00
72	1,2,3-Trichloropropane	0.515	0.502	2.5	122	0.00
73	Bromobenzene	0.406	0.329	19.0	100	0.00
74	n-propylbenzene	1.990	1.641	17.5	107	0.00
75	2-Chlorotoluene	1.223	1.079	11.8	112	0.00
76	1,3,5-Trimethylbenzene	1.418	1.221	13.9	110	0.00
77	t-1,4-Dichloro-2-butene	0.155	0.120	22.6	110	0.00
78	4-Chlorotoluene	1.393	1.251	10.2	113	0.00
79	tert-butylbenzene	1.369	1.137	16.9	109	0.00
80	1,2,4-Trimethylbenzene	1.425	1.243	12.8	110	0.00
81	sec-Butylbenzene	1.728	1.378	20.3	109	0.00
82	p-Isopropyltoluene	1.438	1.171	18.6	110	0.00
83 M	1,3-Dichlorobenzene	0.768	0.608	20.8	99	0.00
84 M	1,4-Dichlorobenzene	0.771	0.627	18.7	101	0.00
85	n-Butylbenzene	1.279	1.003	21.6	113	0.00
86 T	Hexachloroethane	0.226	0.175	22.6	117	0.00
87 M	1,2-Dichlorobenzene	0.752	0.625	16.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.111	1.8	126	0.00
89	1,2,4-Trichlorobenzene	0.451	0.345	23.5	99	0.00
90	Hexachlorobutadiene	0.166	0.121	27.1#	113	0.00
91 M	Naphthalene	1.560	1.269	18.7	100	0.00
92	1,2,3-Trichlorobenzene	0.450	0.346	23.1	98	0.00

(#) = Out of Range

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