

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017612.D
 Acq On : 27 Jul 2020 12:40
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Quant Time: Jul 27 16:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	99	0.00
2 M	Dichlorodifluoromethane	2.304	2.542	-10.3	104	0.00
3 M	Chloromethane	2.229	2.249	-0.9	96	0.00
4 M	Vinyl Chloride	2.218	2.040	8.0	86	0.00
5 M	Bromomethane	1.370	1.384	-1.0	89	0.00
6 M	Chloroethane	1.250	1.137	9.0	86	0.00
7 M	Trichlorofluoromethane	3.435	3.051	11.2	85	0.00
8 T	Diethyl Ether	0.990	0.892	9.9	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.555	1.316	15.4	84	0.00
10 M	1,1-Dichloroethene	1.443	1.183	18.0	82	0.00
11	Methyl Iodide	1.817	1.473	18.9	87	0.00
12	Methyl Acetate	2.195	2.107	4.0	94	0.00
13 M	Acrolein	0.325	0.300	7.7	98	0.00
14 M	Acrylonitrile	0.918	0.902	1.7	98	0.00
15 M	Acetone	0.251	0.229	8.8	91	0.00
16 M	Carbon Disulfide	3.826	3.547	7.3	90	0.00
17	Allyl chloride	2.744	2.419	11.8	89	0.00
18 M	Methylene Chloride	1.693	1.538	9.2	88	0.00
19 M	trans-1,2-Dichloroethene	1.542	1.433	7.1	91	0.00
20 T	Diisopropyl ether	5.494	5.450	0.8	98	0.00
21 M	1,1-Dichloroethane	2.940	2.817	4.2	97	0.00
22 M	cis-1,2-Dichloroethene	1.822	1.770	2.9	97	0.00
23 M	tert-Butyl Alcohol	0.430	0.418	2.8	96	0.00
24 M	Methyl tert-Butyl Ether	5.743	5.445	5.2	94	0.00
25 M	Chloroform	3.266	3.024	7.4	90	0.00
26	Cyclohexane	2.615	2.640	-1.0	100	0.00
27 s	1,2-Dichloroethane-d4	2.305	2.302	0.1	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.427	0.393	8.0	92	0.00
30 M	2-Butanone	0.241	0.246	-2.1	103	0.00
31	2,2-Dichloropropane	0.550	0.484	12.0	86	0.00
32 M	1,1,1-Trichloroethane	0.577	0.520	9.9	91	0.00
33 M	Carbon Tetrachloride	0.533	0.475	10.9	88	0.00
34 M	Benzene	1.206	1.133	6.1	99	0.00
35	Methacrylonitrile	0.269	0.258	4.1	96	0.00
36 M	1,2-Dichloroethane	0.512	0.482	5.9	98	0.00
37 M	Trichloroethene	0.370	0.359	3.0	92	0.00
38	Methylcyclohexane	0.540	0.491	9.1	100	0.00
39 M	1,2-Dichloropropane	0.337	0.320	5.0	98	0.00
40	Dibromomethane	0.239	0.227	5.0	97	0.00
41 M	Bromodichloromethane	0.529	0.489	7.6	96	0.00
42 M	Vinyl Acetate	0.798	0.771	3.4	101	0.00
43	Ethyl Acetate	0.445	0.436	2.0	104	-0.01
44	Isopropyl Acetate	0.772	0.741	4.0	104	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	107	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017612.D
 Acq On : 27 Jul 2020 12:40
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Quant Time: Jul 27 16:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.392	0.381	2.8	111	0.00
47	n-amyl Acetate	0.673	0.671	0.3	113	0.00
48 M	t-1,3-Dichloropropene	0.577	0.537	6.9	96	0.00
49 T	cis-1,3-Dichloropropene	0.617	0.563	8.8	92	0.00
50 M	1,1,2-Trichloroethane	0.342	0.347	-1.5	105	0.00
51	Ethyl methacrylate	0.516	0.508	1.6	102	0.00
52	1,3-Dichloropropane	0.558	0.554	0.7	105	0.00
53 M	Dibromochloromethane	0.435	0.418	3.9	109	0.00
54 M	1,2-Dibromoethane	0.372	0.354	4.8	103	0.00
55 M	2-Chloroethyl vinyl ether	0.276	0.258	6.5	94	0.00
56 M	Bromoform	0.332	0.317	4.5	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
58 M	4-Methyl-2-Pentanone	0.535	0.518	3.2	95	0.00
59 M	2-Hexanone	0.377	0.394	-4.5	115	0.00
60 S	4-Bromofluorobenzene	0.508	0.512	-0.8	109	0.00
61 M	Tetrachloroethene	0.409	0.382	6.6	98	0.00
62 M	Toluene	1.491	1.373	7.9	91	0.00
63 S	Toluene-d8	1.328	1.292	2.7	98	0.00
64 M	Chlorobenzene	0.974	0.939	3.6	110	0.00
65	1,1,1,2-Tetrachloroethane	0.408	0.392	3.9	106	0.00
66 M	Ethyl Benzene	1.646	1.561	5.2	105	0.00
67 M	m/p-Xylenes	0.617	0.612	0.8	109	0.00
68 M	o-Xylene	0.613	0.589	3.9	107	0.00
69 M	Styrene	1.068	1.041	2.5	109	0.00
70	Isopropylbenzene	1.789	1.630	8.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.499	0.509	-2.0	108	0.00
72	1,2,3-Trichloropropane	0.500	0.516	-3.2	107	0.00
73	Bromobenzene	0.473	0.447	5.5	98	0.00
74	n-propylbenzene	2.017	1.910	5.3	104	0.00
75	2-Chlorotoluene	1.213	1.139	6.1	104	0.00
76	1,3,5-Trimethylbenzene	1.481	1.433	3.2	108	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.192	5.4	95	0.00
78	4-Chlorotoluene	1.414	1.364	3.5	107	0.00
79	tert-butylbenzene	1.452	1.371	5.6	108	0.00
80	1,2,4-Trimethylbenzene	1.529	1.447	5.4	110	0.00
81	sec-Butylbenzene	1.732	1.605	7.3	107	0.00
82	p-Isopropyltoluene	1.607	1.534	4.5	106	0.00
83 M	1,3-Dichlorobenzene	0.847	0.802	5.3	107	0.00
84 M	1,4-Dichlorobenzene	0.843	0.805	4.5	106	0.00
85	n-Butylbenzene	1.535	1.371	10.7	99	0.00
86 T	Hexachloroethane	0.335	0.284	15.2	97	0.00
87 M	1,2-Dichlorobenzene	0.849	0.769	9.4	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.141	0.132	6.4	106	0.00
89	1,2,4-Trichlorobenzene	0.623	0.562	9.8	90	0.00
90	Hexachlorobutadiene	0.282	0.253	10.3	92	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
Data File : VX017612.D
Acq On : 27 Jul 2020 12:40
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Quant Time: Jul 27 16:22:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.839	1.676	8.9	90	0.00
92	1,2,3-Trichlorobenzene	0.595	0.570	4.2	94	0.00

(#) = Out of Range

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