

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008476.D
 Acq On : 27 Mar 2019 12:18
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Quant Time: Mar 28 02:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 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	103	0.00
2 M	Dichlorodifluoromethane	2.051	1.931	5.9	97	0.00
3 M	Chloromethane	2.688	2.699	-0.4	102	0.00
4 M	Vinyl Chloride	2.709	2.494	7.9	95	0.00
5 M	Bromomethane	1.404	1.330	5.3	107	0.00
6 M	Chloroethane	1.773	1.493	15.8	92	0.00
7 M	Trichlorofluoromethane	3.007	2.770	7.9	95	0.00
8 T	Diethyl Ether	1.418	1.275	10.1	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.873	1.767	5.7	100	0.00
10 M	1,1-Dichloroethene	1.900	1.791	5.7	98	0.00
11	Methyl Iodide	1.967	1.460	25.8	85	0.00
12	Methyl Acetate	1.540	1.386	10.0	93	0.00
13 M	Acrolein	0.442	0.423	4.3	101	0.00
14 M	Acrylonitrile	1.424	1.286	9.7	94	0.00
15 M	Acetone	0.439	0.382	13.0	81	0.00
16 M	Carbon Disulfide	5.910	5.645	4.5	101	0.00
17	Allyl chloride	4.270	3.856	9.7	96	0.00
18 M	Methylene Chloride	2.271	2.102	7.4	96	0.00
19 M	trans-1,2-Dichloroethene	2.030	1.929	5.0	99	0.00
20 T	Diisopropyl ether	8.310	7.538	9.3	94	0.00
21 M	1,1-Dichloroethane	4.171	3.847	7.8	96	0.00
22 M	cis-1,2-Dichloroethene	2.345	2.180	7.0	98	0.00
23 M	tert-Butyl Alcohol	0.575	0.511	11.1	93	0.00
24 M	Methyl tert-Butyl Ether	6.982	6.414	8.1	96	0.00
25 M	Chloroform	3.778	3.464	8.3	94	0.00
26	Cyclohexane	4.052	3.801	6.2	99	0.00
27 s	1,2-Dichloroethane-d4	2.510	2.484	1.0	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.505	0.466	7.7	98	0.00
30 M	2-Butanone	0.371	0.324	12.7	88	0.00
31	2,2-Dichloropropane	0.504	0.466	7.5	99	-0.01
32 M	1,1,1-Trichloroethane	0.524	0.476	9.2	96	0.00
33 M	Carbon Tetrachloride	0.439	0.395	10.0	96	0.00
34 M	Benzene	1.543	1.408	8.7	95	0.00
35	Methacrylonitrile	0.377	0.341	9.5	97	0.00
36 M	1,2-Dichloroethane	0.550	0.504	8.4	96	0.00
37 M	Trichloroethene	0.355	0.327	7.9	99	0.00
38	Methylcyclohexane	0.636	0.593	6.8	99	0.00
39 M	1,2-Dichloropropane	0.438	0.394	10.0	94	0.00
40	Dibromomethane	0.253	0.227	10.3	95	0.00
41 M	Bromodichloromethane	0.498	0.445	10.6	95	0.00
42 M	Vinyl Acetate	1.258	1.147	8.8	95	0.00
43	Ethyl Acetate	0.668	0.591	11.5	91	0.00
44	Isopropyl Acetate	1.080	0.948	12.2	93	0.00
45 T	1,4-Dioxane	0.011	0.010#	9.1	93	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008476.D
 Acq On : 27 Mar 2019 12:18
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Quant Time: Mar 28 02:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 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	0.549	0.478	12.9	93	0.00
47	n-amyl Acetate	0.981	0.855	12.8	96	0.00
48 M	t-1,3-Dichloropropene	0.563	0.502	10.8	100	0.00
49 T	cis-1,3-Dichloropropene	0.630	0.571	9.4	98	0.00
50 M	1,1,2-Trichloroethane	0.376	0.335	10.9	97	0.00
51	Ethyl methacrylate	0.700	0.614	12.3	96	0.00
52	1,3-Dichloropropane	0.670	0.599	10.6	94	0.00
53 M	Dibromochloromethane	0.370	0.322	13.0	96	0.00
54 M	1,2-Dibromoethane	0.388	0.344	11.3	95	0.00
55 M	2-Chloroethyl vinyl ether	0.353	0.354	-0.3	117	0.00
56 M	Bromoform	0.270	0.229	15.2	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.791	0.694	12.3	93	0.00
59 M	2-Hexanone	0.625	0.547	12.5	90	0.00
60 S	4-Bromofluorobenzene	0.523	0.517	1.1	105	0.00
61 M	Tetrachloroethene	0.328	0.304	7.3	98	0.00
62 M	Toluene	1.816	1.658	8.7	96	0.00
63 S	Toluene-d8	1.424	1.421	0.2	103	0.00
64 M	Chlorobenzene	1.064	0.973	8.6	98	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.336	10.4	98	0.00
66 M	Ethyl Benzene	2.016	1.840	8.7	97	0.00
67 M	m/p-Xylenes	0.735	0.671	8.7	98	0.00
68 M	o-Xylene	0.720	0.650	9.7	96	0.00
69 M	Styrene	1.252	1.132	9.6	99	0.00
70	Isopropylbenzene	1.898	1.756	7.5	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.709	0.632	10.9	96	0.00
72	1,2,3-Trichloropropane	0.599	0.542	9.5	94	0.00
73	Bromobenzene	0.452	0.404	10.6	98	0.00
74	n-propylbenzene	2.261	2.102	7.0	101	0.00
75	2-Chlorotoluene	1.345	1.225	8.9	98	0.00
76	1,3,5-Trimethylbenzene	1.623	1.486	8.4	99	0.00
77	t-1,4-Dichloro-2-butene	0.230	0.193	16.1	99	0.00
78	4-Chlorotoluene	1.548	1.416	8.5	101	0.00
79	tert-butylbenzene	1.658	1.530	7.7	100	0.00
80	1,2,4-Trimethylbenzene	1.618	1.476	8.8	99	0.00
81	sec-Butylbenzene	1.854	1.714	7.6	100	0.00
82	p-Isopropyltoluene	1.658	1.530	7.7	100	0.00
83 M	1,3-Dichlorobenzene	0.802	0.742	7.5	102	0.00
84 M	1,4-Dichlorobenzene	0.801	0.728	9.1	101	0.00
85	n-Butylbenzene	1.576	1.459	7.4	103	0.00
86 T	Hexachloroethane	0.277	0.245	11.6	100	0.00
87 M	1,2-Dichlorobenzene	0.808	0.733	9.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	0.157	0.142	9.6	97	0.00
89	1,2,4-Trichlorobenzene	0.557	0.530	4.8	107	0.00
90	Hexachlorobutadiene	0.268	0.257	4.1	105	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008476.D
Acq On : 27 Mar 2019 12:18
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Quant Time: Mar 28 02:00:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
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	1.909	1.817	4.8	100	0.00
92	1,2,3-Trichlorobenzene	0.561	0.532	5.2	102	0.00

(#) = Out of Range

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