

Data Path : W:\HPCHEM1\MSVOA X\Data\VX043018\
 Data File : VX001260.D
 Acq On : 30 Apr 2018 17:30
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Quant Time: May 01 09:20:33 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.812	-4.1	99	0.00
3 M	Chloromethane	20.000	20.475	-2.4	99	0.00
4 M	Vinyl Chloride	20.000	19.946	0.3	97	0.00
5 M	Bromomethane	20.000	18.442	7.8	94	0.01
6 M	Chloroethane	20.000	19.785	1.1	99	0.00
7 M	Trichlorofluoromethane	20.000	19.362	3.2	97	0.00
8 T	Diethyl Ether	20.000	19.244	3.8	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.065	-0.3	103	0.00
10 M	1,1-Dichloroethene	20.000	19.164	4.2	99	0.00
11	Methyl Iodide	20.000	18.855	5.7	107	0.00
12	Methyl Acetate	20.000	19.393	3.0	98	0.00
13 M	Acrolein	100.000	99.282	0.7	101	0.00
14 M	Acrylonitrile	100.000	95.094	4.9	97	0.00
15 M	Acetone	100.000	94.203	5.8	95	0.00
16 M	Carbon Disulfide	20.000	18.985	5.1	100	0.00
17	Allyl chloride	20.000	18.866	5.7	96	0.00
18 M	Methylene Chloride	20.000	19.027	4.9	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.016	4.9	97	0.00
20 T	Diisopropyl ether	20.000	18.677	6.6	97	0.00
21 M	1,1-Dichloroethane	20.000	19.784	1.1	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.156	4.2	97	0.00
23 M	tert-Butyl Alcohol	100.000	96.254	3.7	99	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.871	5.6	96	0.00
25 M	Chloroform	20.000	18.738	6.3	96	0.00
26	Cyclohexane	20.000	19.539	2.3	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.425	-1.4	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.452	7.7	99	0.00
30 M	2-Butanone	100.000	93.315	6.7	97	-0.01
31	2,2-Dichloropropane	20.000	18.097	9.5	95	0.00
32 M	1,1,1-Trichloroethane	20.000	18.091	9.5	95	0.00
33 M	Carbon Tetrachloride	20.000	17.771	11.1	97	0.00
34 M	Benzene	20.000	18.351	8.2	96	0.00
35	Methacrylonitrile	20.000	18.223	8.9	97	0.00
36 M	1,2-Dichloroethane	20.000	18.358	8.2	97	0.00
37 M	Trichloroethene	20.000	18.787	6.1	99	0.00
38	Methylcyclohexane	20.000	19.804	1.0	106	0.00
39 M	1,2-Dichloropropane	20.000	18.588	7.1	99	0.00
40	Dibromomethane	20.000	18.359	8.2	97	0.00
41 M	Bromodichloromethane	20.000	17.340	13.3	93	0.00
42 M	Vinyl Acetate	100.000	91.466	8.5	96	0.00
43	Ethyl Acetate	20.000	18.650	6.8	101	0.00
44	Isopropyl Acetate	20.000	18.003	10.0	98	0.00
45 T	1,4-Dioxane	400.000	387.136	3.2	110	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX043018\
 Data File : VX001260.D
 Acq On : 30 Apr 2018 17:30
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX043018

Quant Time: May 01 09:20:33 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 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	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.803	11.0	97	0.00
47	n-amyl Acetate	20.000	17.169	14.2	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.871	10.6	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.849	15.8	93	0.00
50 M	1,1,2-Trichloroethane	20.000	17.908	10.5	93	0.00
51	Ethyl methacrylate	20.000	17.868	10.7	98	0.00
52	1,3-Dichloropropane	20.000	18.530	7.3	97	0.00
53 M	Dibromochloromethane	20.000	17.112	14.4	95	0.00
54 M	1,2-Dibromoethane	20.000	17.955	10.2	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.365	12.6	92	0.00
56 M	Bromoform	20.000	16.501	17.5	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.305	8.7	96	0.00
59 M	2-Hexanone	100.000	91.132	8.9	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.478	1.7	107	0.00
61 M	Tetrachloroethene	20.000	19.938	0.3	99	0.00
62 M	Toluene	20.000	18.416	7.9	97	0.00
63 S	Toluene-d8	30.000	30.153	-0.5	107	0.00
64 M	Chlorobenzene	20.000	18.387	8.1	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.798	11.0	93	0.00
66 M	Ethyl Benzene	20.000	18.477	7.6	98	0.00
67 M	m/p-Xylenes	40.000	37.112	7.2	100	0.00
68 M	o-Xylene	20.000	18.322	8.4	98	0.00
69 M	Styrene	20.000	18.127	9.4	98	0.00
70	Isopropylbenzene	20.000	18.504	7.5	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.903	10.5	97	0.00
72	1,2,3-Trichloropropane	20.000	18.760	6.2	96	0.00
73	Bromobenzene	20.000	18.125	9.4	98	0.00
74	n-propylbenzene	20.000	18.875	5.6	102	0.00
75	2-Chlorotoluene	20.000	18.410	7.9	100	0.00
76	1,3,5-Trimethylbenzene	20.000	18.568	7.2	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.568	22.2	98	0.00
78	4-Chlorotoluene	20.000	18.196	9.0	99	0.00
79	tert-butylbenzene	20.000	19.211	3.9	104	0.00
80	1,2,4-Trimethylbenzene	20.000	18.698	6.5	99	0.00
81	sec-Butylbenzene	20.000	19.108	4.5	103	0.00
82	p-Isopropyltoluene	20.000	19.211	3.9	104	0.00
83 M	1,3-Dichlorobenzene	20.000	18.234	8.8	99	0.00
84 M	1,4-Dichlorobenzene	20.000	18.094	9.5	98	0.00
85	n-Butylbenzene	20.000	19.110	4.5	108	0.00
86 T	Hexachloroethane	20.000	17.806	11.0	102	0.00
87 M	1,2-Dichlorobenzene	20.000	17.959	10.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.017	14.9	94	0.00
89	1,2,4-Trichlorobenzene	20.000	19.029	4.9	104	0.00
90	Hexachlorobutadiene	20.000	21.350	-6.8	121	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX043018\
Data File : VX001260.D
Acq On : 30 Apr 2018 17:30
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Quant Time: May 01 09:20:33 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
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	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.742	6.3	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.105	4.5	105	0.00

(#) = Out of Range

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