

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091820\
 Data File : VX018480.D
 Acq On : 18 Sep 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	20.000	18.498	7.5	93	0.00
3 M	Chloromethane	20.000	18.630	6.9	94	0.00
4 M	Vinyl Chloride	20.000	17.881	10.6	90	0.00
5 M	Bromomethane	20.000	20.037	-0.2	92	0.00
6 M	Chloroethane	20.000	18.557	7.2	92	0.00
7 M	Trichlorofluoromethane	20.000	18.956	5.2	96	0.00
8 T	Diethyl Ether	20.000	18.470	7.7	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.568	2.2	98	0.00
10 M	1,1-Dichloroethene	20.000	18.925	5.4	95	0.00
11	Methyl Iodide	20.000	18.074	9.6	92	0.00
12	Methyl Acetate	20.000	18.401	8.0	90	0.00
13 M	Acrolein	100.000	91.198	8.8	103	0.00
14 M	Acrylonitrile	100.000	88.174	11.8	89	0.00
15 M	Acetone	100.000	103.841	-3.8	103	0.00
16 M	Carbon Disulfide	20.000	18.419	7.9	91	0.00
17	Allyl chloride	20.000	18.386	8.1	94	0.00
18 M	Methylene Chloride	20.000	18.213	8.9	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.093	4.5	97	0.00
20 T	Diisopropyl ether	20.000	18.932	5.3	94	-0.01
21 M	1,1-Dichloroethane	20.000	18.779	6.1	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.428	7.9	92	0.00
23 M	tert-Butyl Alcohol	100.000	89.303	10.7	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.319	8.4	93	0.00
25 M	Chloroform	20.000	18.611	6.9	92	0.00
26	Cyclohexane	20.000	18.754	6.2	97	-0.01
27 s	1,2-Dichloroethane-d4	30.000	30.225	-0.8	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	18.748	6.3	98	0.00
30 M	2-Butanone	100.000	91.847	8.2	94	0.00
31	2,2-Dichloropropane	20.000	19.627	1.9	101	0.00
32 M	1,1,1-Trichloroethane	20.000	18.777	6.1	96	0.00
33 M	Carbon Tetrachloride	20.000	18.523	7.4	94	-0.01
34 M	Benzene	20.000	18.438	7.8	94	0.00
35	Methacrylonitrile	20.000	17.170	14.1	89	0.00
36 M	1,2-Dichloroethane	20.000	18.666	6.7	96	0.00
37 M	Trichloroethene	20.000	18.402	8.0	96	0.00
38	Methylcyclohexane	20.000	17.996	10.0	99	0.00
39 M	1,2-Dichloropropane	20.000	17.554	12.2	89	0.00
40	Dibromomethane	20.000	17.747	11.3	90	0.00
41 M	Bromodichloromethane	20.000	18.237	8.8	94	0.00
42 M	Vinyl Acetate	100.000	90.055	9.9	92	0.00
43	Ethyl Acetate	20.000	16.832	15.8	86	0.00
44	Isopropyl Acetate	20.000	17.497	12.5	91	0.00
45 T	1,4-Dioxane	400.000	388.779	2.8	104	0.00

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Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.082	14.6	93	0.00
47	n-amyl Acetate	20.000	16.343	18.3	89	0.00
48 M	t-1,3-Dichloropropene	20.000	18.460	7.7	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.386	8.1	94	0.00
50 M	1,1,2-Trichloroethane	20.000	18.010	9.9	92	0.00
51	Ethyl methacrylate	20.000	17.311	13.4	93	0.00
52	1,3-Dichloropropane	20.000	17.720	11.4	91	0.00
53 M	Dibromochloromethane	20.000	17.127	14.4	91	0.00
54 M	1,2-Dibromoethane	20.000	17.742	11.3	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.794	7.2	97	0.00
56 M	Bromoform	20.000	16.423	17.9	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.905	11.1	89	0.00
59 M	2-Hexanone	100.000	90.809	9.2	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.796	0.7	93	0.00
61 M	Tetrachloroethene	20.000	20.330	-1.6	101	0.00
62 M	Toluene	20.000	18.707	6.5	94	0.00
63 S	Toluene-d8	30.000	30.623	-2.1	94	0.00
64 M	Chlorobenzene	20.000	18.636	6.8	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.088	9.6	92	0.00
66 M	Ethyl Benzene	20.000	18.065	9.7	93	0.00
67 M	m/p-Xylenes	40.000	37.147	7.1	94	0.00
68 M	o-Xylene	20.000	18.745	6.3	98	0.00
69 M	Styrene	20.000	18.507	7.5	95	0.00
70	Isopropylbenzene	20.000	18.526	7.4	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.946	10.3	91	0.00
72	1,2,3-Trichloropropane	20.000	17.820	10.9	89	0.00
73	Bromobenzene	20.000	18.129	9.4	92	0.00
74	n-propylbenzene	20.000	18.526	7.4	95	0.00
75	2-Chlorotoluene	20.000	18.232	8.8	93	0.00
76	1,3,5-Trimethylbenzene	20.000	18.274	8.6	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.741	16.3	89	0.00
78	4-Chlorotoluene	20.000	18.450	7.8	94	0.00
79	tert-butylbenzene	20.000	17.950	10.3	93	0.00
80	1,2,4-Trimethylbenzene	20.000	18.855	5.7	96	0.00
81	sec-Butylbenzene	20.000	18.344	8.3	96	0.00
82	p-Isopropyltoluene	20.000	18.602	7.0	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.578	7.1	94	0.00
84 M	1,4-Dichlorobenzene	20.000	18.486	7.6	93	0.00
85	n-Butylbenzene	20.000	18.709	6.5	100	0.00
86 T	Hexachloroethane	20.000	18.086	9.6	95	0.00
87 M	1,2-Dichlorobenzene	20.000	18.813	5.9	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.791	16.0	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.734	6.3	100	0.00
90	Hexachlorobutadiene	20.000	19.384	3.1	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.415	12.9	93	0.00
92	1,2,3-Trichlorobenzene	20.000	17.815	10.9	94	0.00

(#) = Out of Range

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