

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX010920\
 Data File : VX014520.D
 Acq On : 10 Jan 2020 00:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 08:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	84	0.00
2 M	Dichlorodifluoromethane	20.000	17.535	12.3	76	0.00
3 M	Chloromethane	20.000	17.857	10.7	75	0.00
4 M	Vinyl Chloride	20.000	18.575	7.1	81	0.00
5 M	Bromomethane	20.000	16.302	18.5	72	0.00
6 M	Chloroethane	20.000	19.226	3.9	85	0.02
7 M	Trichlorofluoromethane	20.000	19.483	2.6	84	0.01
8 T	Diethyl Ether	20.000	19.611	1.9	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.442	2.8	85	0.01
10 M	1,1-Dichloroethene	20.000	18.899	5.5	83	0.00
11	Methyl Iodide	20.000	16.862	15.7	78	0.00
12	Methyl Acetate	20.000	20.358	-1.8	87	0.00
13 M	Acrolein	100.000	82.691	17.3	66	0.00
14 M	Acrylonitrile	100.000	99.052	0.9	86	0.00
15 M	Acetone	100.000	109.850	-9.8	98	0.00
16 M	Carbon Disulfide	20.000	18.517	7.4	83	0.00
17	Allyl chloride	20.000	18.987	5.1	82	0.00
18 M	Methylene Chloride	20.000	17.991	10.0	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.101	4.5	84	0.00
20 T	Diisopropyl ether	20.000	18.954	5.2	81	0.00
21 M	1,1-Dichloroethane	20.000	18.945	5.3	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.156	4.2	83	0.00
23 M	tert-Butyl Alcohol	100.000	107.017	-7.0	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.447	2.8	84	0.00
25 M	Chloroform	20.000	19.596	2.0	84	0.00
26	Cyclohexane	20.000	18.728	6.4	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.971	0.1	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.400	3.0	84	0.00
30 M	2-Butanone	100.000	103.668	-3.7	90	0.00
31	2,2-Dichloropropane	20.000	19.333	3.3	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.245	3.8	84	0.00
33 M	Carbon Tetrachloride	20.000	19.227	3.9	84	0.00
34 M	Benzene	20.000	19.460	2.7	83	0.00
35	Methacrylonitrile	20.000	19.873	0.6	84	0.00
36 M	1,2-Dichloroethane	20.000	19.587	2.1	85	0.00
37 M	Trichloroethene	20.000	21.310	-6.5	92	0.00
38	Methylcyclohexane	20.000	19.199	4.0	83	0.00
39 M	1,2-Dichloropropane	20.000	19.163	4.2	82	0.00
40	Dibromomethane	20.000	20.117	-0.6	86	0.00
41 M	Bromodichloromethane	20.000	19.437	2.8	85	0.00
42 M	Vinyl Acetate	100.000	53.300	46.7#	45	0.00
43	Ethyl Acetate	20.000	19.772	1.1	85	0.00
44	Isopropyl Acetate	20.000	19.227	3.9	85	0.00
45 T	1,4-Dioxane	400.000	435.332	-8.8	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.989	5.1	82	0.00
47	n-amyl Acetate	20.000	18.418	7.9	82	0.00
48 M	t-1,3-Dichloropropene	20.000	19.398	3.0	89	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.351	3.2	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.225	3.9	82	0.00
51	Ethyl methacrylate	20.000	19.200	4.0	85	0.00
52	1,3-Dichloropropane	20.000	19.369	3.2	82	0.00
53 M	Dibromochloromethane	20.000	19.644	1.8	88	0.00
54 M	1,2-Dibromoethane	20.000	19.909	0.5	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.770	0.2	85	0.00
56 M	Bromoform	20.000	18.914	5.4	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.524	3.5	84	0.00
59 M	2-Hexanone	100.000	98.933	1.1	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.673	1.1	85	0.00
61 M	Tetrachloroethene	20.000	29.383	-46.9#	133	0.00
62 M	Toluene	20.000	19.282	3.6	84	0.00
63 S	Toluene-d8	30.000	29.819	0.6	83	0.00
64 M	Chlorobenzene	20.000	19.102	4.5	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.013	4.9	85	0.00
66 M	Ethyl Benzene	20.000	19.159	4.2	84	0.00
67 M	m/p-Xylenes	40.000	38.133	4.7	83	0.00
68 M	o-Xylene	20.000	18.631	6.8	82	0.00
69 M	Styrene	20.000	18.254	8.7	82	0.00
70	Isopropylbenzene	20.000	19.117	4.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.617	21.9	68	0.00
72	1,2,3-Trichloropropane	20.000	17.010	14.9	74	0.00
73	Bromobenzene	20.000	18.593	7.0	83	0.00
74	n-propylbenzene	20.000	18.939	5.3	84	0.00
75	2-Chlorotoluene	20.000	18.981	5.1	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.734	6.3	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.076	9.6	89	0.00
78	4-Chlorotoluene	20.000	18.911	5.4	84	0.00
79	tert-butylbenzene	20.000	16.420	17.9	72	0.00
80	1,2,4-Trimethylbenzene	20.000	18.436	7.8	81	0.00
81	sec-Butylbenzene	20.000	18.682	6.6	83	0.00
82	p-Isopropyltoluene	20.000	18.821	5.9	85	0.00
83 M	1,3-Dichlorobenzene	20.000	18.567	7.2	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.590	7.1	84	0.00
85	n-Butylbenzene	20.000	18.735	6.3	88	0.00
86 T	Hexachloroethane	20.000	17.786	11.1	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.486	7.6	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.162	4.2	86	0.00
89	1,2,4-Trichlorobenzene	20.000	19.159	4.2	91	0.00
90	Hexachlorobutadiene	20.000	19.923	0.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.786	1.1	93	0.00
92	1,2,3-Trichlorobenzene	20.000	19.785	1.1	94	0.00

(#) = Out of Range

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