

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050120\
 Data File : VX016003.D
 Acq On : 01 May 2020 11:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 02 07:14:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 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	125	0.00
2 M	Dichlorodifluoromethane	20.000	19.658	1.7	122	0.00
3 M	Chloromethane	20.000	19.077	4.6	121	0.00
4 M	Vinyl Chloride	20.000	18.817	5.9	122	0.00
5 M	Bromomethane	20.000	20.900	-4.5	122	0.00
6 M	Chloroethane	20.000	18.392	8.0	119	0.00
7 M	Trichlorofluoromethane	20.000	18.088	9.6	118	0.00
8 T	Diethyl Ether	20.000	17.887	10.6	121	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.785	6.1	126	0.00
10 M	1,1-Dichloroethene	20.000	19.106	4.5	127	0.00
11	Methyl Iodide	20.000	18.213	8.9	128	0.00
12	Methyl Acetate	20.000	19.428	2.9	126	0.00
13 M	Acrolein	100.000	87.774	12.2	136	0.00
14 M	Acrylonitrile	100.000	93.716	6.3	127	0.00
15 M	Acetone	100.000	90.463	9.5	124	0.00
16 M	Carbon Disulfide	20.000	18.576	7.1	126	0.00
17	Allyl chloride	20.000	18.590	7.1	124	0.00
18 M	Methylene Chloride	20.000	18.604	7.0	126	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.460	7.7	125	0.00
20 T	Diisopropyl ether	20.000	18.470	7.7	125	0.00
21 M	1,1-Dichloroethane	20.000	18.502	7.5	124	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.333	8.3	126	0.00
23 M	tert-Butyl Alcohol	100.000	94.379	5.6	128	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.532	7.3	125	0.00
25 M	Chloroform	20.000	18.226	8.9	123	-0.01
26	Cyclohexane	20.000	18.406	8.0	124	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.691	1.0	121	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	126	0.00
29	1,1-Dichloropropene	20.000	18.073	9.6	124	0.00
30 M	2-Butanone	100.000	89.041	11.0	121	0.00
31	2,2-Dichloropropane	20.000	18.522	7.4	125	0.00
32 M	1,1,1-Trichloroethane	20.000	18.048	9.8	122	0.00
33 M	Carbon Tetrachloride	20.000	18.093	9.5	123	0.00
34 M	Benzene	20.000	18.405	8.0	125	0.00
35	Methacrylonitrile	20.000	18.489	7.6	126	0.00
36 M	1,2-Dichloroethane	20.000	17.926	10.4	121	0.00
37 M	Trichloroethene	20.000	18.992	5.0	123	0.00
38	Methylcyclohexane	20.000	18.139	9.3	125	0.00
39 M	1,2-Dichloropropane	20.000	17.997	10.0	123	0.00
40	Dibromomethane	20.000	17.905	10.5	120	0.00
41 M	Bromodichloromethane	20.000	17.993	10.0	126	0.00
42 M	Vinyl Acetate	100.000	90.352	9.6	125	0.00
43	Ethyl Acetate	20.000	18.391	8.0	124	0.00
44	Isopropyl Acetate	20.000	18.309	8.5	125	0.00
45 T	1,4-Dioxane	400.000	368.118	8.0	127	0.00

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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	18.043	9.8	125	0.00
47	n-amyl Acetate	20.000	17.556	12.2	123	0.00
48 M	t-1,3-Dichloropropene	20.000	17.924	10.4	126	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.029	9.9	124	0.00
50 M	1,1,2-Trichloroethane	20.000	17.724	11.4	122	0.00
51	Ethyl methacrylate	20.000	17.867	10.7	127	0.00
52	1,3-Dichloropropane	20.000	18.246	8.8	124	0.00
53 M	Dibromochloromethane	20.000	17.299	13.5	122	0.00
54 M	1,2-Dibromoethane	20.000	17.708	11.5	124	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.291	11.7	126	0.00
56 M	Bromoform	20.000	16.783	16.1	123	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.373	5.6	125	0.00
59 M	2-Hexanone	100.000	94.189	5.8	126	0.00
60 S	4-Bromofluorobenzene	30.000	29.425	1.9	122	0.00
61 M	Tetrachloroethene	20.000	19.037	4.8	121	0.00
62 M	Toluene	20.000	18.585	7.1	124	0.00
63 S	Toluene-d8	30.000	30.716	-2.4	124	0.00
64 M	Chlorobenzene	20.000	18.262	8.7	123	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.802	11.0	121	0.00
66 M	Ethyl Benzene	20.000	18.467	7.7	124	0.00
67 M	m/p-Xylenes	40.000	36.647	8.4	124	0.00
68 M	o-Xylene	20.000	18.227	8.9	125	0.00
69 M	Styrene	20.000	17.940	10.3	124	0.00
70	Isopropylbenzene	20.000	18.281	8.6	124	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	14.870	25.7	126	0.00
72	1,2,3-Trichloropropane	20.000	18.855	5.7	127	0.00
73	Bromobenzene	20.000	17.824	10.9	121	0.00
74	n-propylbenzene	20.000	18.164	9.2	124	0.00
75	2-Chlorotoluene	20.000	18.263	8.7	124	0.00
76	1,3,5-Trimethylbenzene	20.000	18.139	9.3	125	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.126	9.4	127	0.00
78	4-Chlorotoluene	20.000	18.006	10.0	123	0.00
79	tert-butylbenzene	20.000	18.105	9.5	127	0.00
80	1,2,4-Trimethylbenzene	20.000	18.140	9.3	125	0.00
81	sec-Butylbenzene	20.000	18.241	8.8	126	0.00
82	p-Isopropyltoluene	20.000	18.053	9.7	125	0.00
83 M	1,3-Dichlorobenzene	20.000	18.141	9.3	126	0.00
84 M	1,4-Dichlorobenzene	20.000	17.996	10.0	125	0.00
85	n-Butylbenzene	20.000	17.748	11.3	125	0.00
86 T	Hexachloroethane	20.000	17.754	11.2	128	0.00
87 M	1,2-Dichlorobenzene	20.000	18.045	9.8	123	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.756	11.2	125	0.00
89	1,2,4-Trichlorobenzene	20.000	17.472	12.6	121	0.00
90	Hexachlorobutadiene	20.000	18.983	5.1	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.032	9.8	123	0.00
92	1,2,3-Trichlorobenzene	20.000	17.636	11.8	122	0.00

(#) = Out of Range

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