

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX101520\
 Data File : VX018953.D
 Acq On : 15 Oct 2020 23:17
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 16 05:21:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	17.286	13.6	80	0.00
3 M	Chloromethane	20.000	18.323	8.4	77	0.00
4 M	Vinyl Chloride	20.000	19.768	1.2	90	0.00
5 M	Bromomethane	20.000	29.041	-45.2#	117	0.00
6 M	Chloroethane	20.000	19.550	2.2	91	0.00
7 M	Trichlorofluoromethane	20.000	19.573	2.1	90	0.00
8 T	Diethyl Ether	20.000	20.409	-2.0	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	15.966	20.2	72	0.00
10 M	1,1-Dichloroethene	20.000	16.834	15.8	77	0.00
11	Methyl Iodide	20.000	11.460	42.7#	57	0.00
12	Methyl Acetate	20.000	19.441	2.8	90	0.00
13 M	Acrolein	100.000	91.212	8.8	93	0.00
14 M	Acrylonitrile	100.000	96.182	3.8	88	0.00
15 M	Acetone	100.000	87.686	12.3	72	0.00
16 M	Carbon Disulfide	20.000	18.469	7.7	85	0.00
17	Allyl chloride	20.000	17.886	10.6	82	0.00
18 M	Methylene Chloride	20.000	18.687	6.6	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.319	8.4	85	0.00
20 T	Diisopropyl ether	20.000	19.322	3.4	89	0.00
21 M	1,1-Dichloroethane	20.000	19.076	4.6	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.837	5.8	87	0.00
23 M	tert-Butyl Alcohol	100.000	95.654	4.3	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.162	4.2	87	0.00
25 M	Chloroform	20.000	19.503	2.5	89	0.00
26	Cyclohexane	20.000	18.637	6.8	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.728	-5.8	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	18.505	7.5	85	0.00
30 M	2-Butanone	100.000	96.478	3.5	89	0.00
31	2,2-Dichloropropane	20.000	15.233	23.8	70	0.00
32 M	1,1,1-Trichloroethane	20.000	18.736	6.3	87	0.00
33 M	Carbon Tetrachloride	20.000	18.452	7.7	86	0.00
34 M	Benzene	20.000	19.083	4.6	88	0.00
35	Methacrylonitrile	20.000	19.267	3.7	88	0.00
36 M	1,2-Dichloroethane	20.000	19.659	1.7	90	0.00
37 M	Trichloroethene	20.000	17.830	10.9	82	0.00
38	Methylcyclohexane	20.000	17.993	10.0	83	0.00
39 M	1,2-Dichloropropane	20.000	19.011	4.9	88	0.00
40	Dibromomethane	20.000	18.716	6.4	86	0.00
41 M	Bromodichloromethane	20.000	19.176	4.1	88	0.00
42 M	Vinyl Acetate	100.000	95.322	4.7	88	0.00
43	Ethyl Acetate	20.000	18.160	9.2	87	0.00
44	Isopropyl Acetate	20.000	19.118	4.4	89	0.00
45 T	1,4-Dioxane	400.000	378.186	5.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.137	4.3	88	0.00
47	n-amyl Acetate	20.000	18.436	7.8	81	0.00
48 M	t-1,3-Dichloropropene	20.000	18.271	8.6	83	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.351	8.2	83	0.00
50 M	1,1,2-Trichloroethane	20.000	19.227	3.9	85	0.00
51	Ethyl methacrylate	20.000	18.966	5.2	86	0.00
52	1,3-Dichloropropane	20.000	19.629	1.9	88	0.00
53 M	Dibromochloromethane	20.000	18.553	7.2	82	0.00
54 M	1,2-Dibromoethane	20.000	19.239	3.8	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.783	6.2	85	0.00
56 M	Bromoform	20.000	17.676	11.6	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.559	4.4	89	0.00
59 M	2-Hexanone	100.000	94.312	5.7	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.671	1.1	80	0.00
61 M	Tetrachloroethene	20.000	18.000	10.0	82	0.00
62 M	Toluene	20.000	18.924	5.4	87	0.00
63 S	Toluene-d8	30.000	30.507	-1.7	85	0.00
64 M	Chlorobenzene	20.000	18.592	7.0	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.352	8.2	83	0.00
66 M	Ethyl Benzene	20.000	18.686	6.6	83	0.00
67 M	m/p-Xylenes	40.000	36.559	8.6	83	0.00
68 M	o-Xylene	20.000	18.798	6.0	85	0.00
69 M	Styrene	20.000	18.151	9.2	82	0.00
70	Isopropylbenzene	20.000	18.504	7.5	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.805	6.0	87	0.00
72	1,2,3-Trichloropropane	20.000	18.281	8.6	83	0.00
73	Bromobenzene	20.000	17.725	11.4	79	0.00
74	n-propylbenzene	20.000	17.980	10.1	80	0.00
75	2-Chlorotoluene	20.000	18.533	7.3	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.165	9.2	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.859	15.7	76	0.00
78	4-Chlorotoluene	20.000	18.106	9.5	81	0.00
79	tert-butylbenzene	20.000	18.440	7.8	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.380	8.1	83	0.00
81	sec-Butylbenzene	20.000	18.231	8.8	82	0.00
82	p-Isopropyltoluene	20.000	17.681	11.6	79	0.00
83 M	1,3-Dichlorobenzene	20.000	17.536	12.3	81	0.00
84 M	1,4-Dichlorobenzene	20.000	17.994	10.0	83	0.00
85	n-Butylbenzene	20.000	16.771	16.1	77	0.00
86 T	Hexachloroethane	20.000	17.584	12.1	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.927	10.4	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.420	7.9	87	0.00
89	1,2,4-Trichlorobenzene	20.000	16.371	18.1	78	0.00
90	Hexachlorobutadiene	20.000	16.279	18.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.005	10.0	84	0.00
92	1,2,3-Trichlorobenzene	20.000	16.475	17.6	78	0.00

(#) = Out of Range

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