

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018588.D
 Acq On : 25 Sep 2020 09:24
 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 25 13:54:22 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	19.679	1.6	85	0.00
3 M	Chloromethane	20.000	19.601	2.0	84	0.00
4 M	Vinyl Chloride	20.000	19.726	1.4	85	0.00
5 M	Bromomethane	20.000	20.430	-2.1	80	0.00
6 M	Chloroethane	20.000	19.299	3.5	82	0.00
7 M	Trichlorofluoromethane	20.000	20.610	-3.0	90	0.00
8 T	Diethyl Ether	20.000	19.687	1.6	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.712	-3.6	88	0.00
10 M	1,1-Dichloroethene	20.000	19.274	3.6	83	0.00
11	Methyl Iodide	20.000	20.819	-4.1	99	0.00
12	Methyl Acetate	20.000	18.155	9.2	76	0.00
13 M	Acrolein	100.000	43.576	56.4#	42	0.00
14 M	Acrylonitrile	100.000	87.880	12.1	76	0.00
15 M	Acetone	100.000	128.858	-28.9	109	0.01
16 M	Carbon Disulfide	20.000	19.344	3.3	82	0.00
17	Allyl chloride	20.000	19.102	4.5	83	0.00
18 M	Methylene Chloride	20.000	19.805	1.0	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.431	2.8	85	0.00
20 T	Diisopropyl ether	20.000	19.541	2.3	83	0.00
21 M	1,1-Dichloroethane	20.000	19.626	1.9	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.252	3.7	82	-0.01
23 M	tert-Butyl Alcohol	100.000	75.309	24.7	68	0.03
24 M	Methyl tert-Butyl Ether	20.000	18.617	6.9	81	0.00
25 M	Chloroform	20.000	19.515	2.4	83	0.00
26	Cyclohexane	20.000	19.375	3.1	86	-0.01
27 s	1,2-Dichloroethane-d4	30.000	30.807	-2.7	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	18.805	6.0	82	0.00
30 M	2-Butanone	100.000	97.494	2.5	84	0.00
31	2,2-Dichloropropane	20.000	20.362	-1.8	89	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.050	-0.3	86	0.00
33 M	Carbon Tetrachloride	20.000	19.818	0.9	85	0.00
34 M	Benzene	20.000	19.356	3.2	83	0.00
35	Methacrylonitrile	20.000	16.895	15.5	74	0.00
36 M	1,2-Dichloroethane	20.000	19.423	2.9	84	-0.01
37 M	Trichloroethene	20.000	19.604	2.0	87	0.00
38	Methylcyclohexane	20.000	18.486	7.6	86	0.00
39 M	1,2-Dichloropropane	20.000	19.404	3.0	83	0.00
40	Dibromomethane	20.000	19.707	1.5	84	0.00
41 M	Bromodichloromethane	20.000	19.721	1.4	86	0.00
42 M	Vinyl Acetate	100.000	92.421	7.6	80	0.00
43	Ethyl Acetate	20.000	16.814	15.9	72	0.00
44	Isopropyl Acetate	20.000	17.340	13.3	76	0.00
45 T	1,4-Dioxane	400.000	279.949	30.0#	63	0.05

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Quant Time: Sep 25 13:54:22 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	16.812	15.9	77	0.00
47	n-amyl Acetate	20.000	15.589	22.1	72	0.00
48 M	t-1,3-Dichloropropene	20.000	19.403	3.0	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.637	1.8	85	0.00
50 M	1,1,2-Trichloroethane	20.000	19.922	0.4	85	0.00
51	Ethyl methacrylate	20.000	17.550	12.2	80	0.00
52	1,3-Dichloropropane	20.000	18.807	6.0	81	0.00
53 M	Dibromochloromethane	20.000	19.296	3.5	86	0.00
54 M	1,2-Dibromoethane	20.000	18.690	6.5	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.273	25.7	65	0.00
56 M	Bromoform	20.000	17.239	13.8	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.890	12.1	74	0.00
59 M	2-Hexanone	100.000	92.235	7.8	79	0.00
60 S	4-Bromofluorobenzene	30.000	30.102	-0.3	80	0.00
61 M	Tetrachloroethene	20.000	21.806	-9.0	92	0.00
62 M	Toluene	20.000	19.595	2.0	84	0.00
63 S	Toluene-d8	30.000	31.111	-3.7	81	0.00
64 M	Chlorobenzene	20.000	19.203	4.0	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.973	0.1	87	0.00
66 M	Ethyl Benzene	20.000	19.163	4.2	83	0.00
67 M	m/p-Xylenes	40.000	38.346	4.1	83	0.00
68 M	o-Xylene	20.000	18.794	6.0	84	0.00
69 M	Styrene	20.000	18.803	6.0	82	0.00
70	Isopropylbenzene	20.000	19.105	4.5	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.792	6.0	81	0.00
72	1,2,3-Trichloropropane	20.000	18.209	9.0	77	0.00
73	Bromobenzene	20.000	18.655	6.7	80	0.00
74	n-propylbenzene	20.000	18.744	6.3	82	0.00
75	2-Chlorotoluene	20.000	18.884	5.6	81	0.00
76	1,3,5-Trimethylbenzene	20.000	18.823	5.9	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.991	20.0	72	0.00
78	4-Chlorotoluene	20.000	18.786	6.1	82	0.00
79	tert-butylbenzene	20.000	18.466	7.7	81	0.00
80	1,2,4-Trimethylbenzene	20.000	19.394	3.0	84	0.00
81	sec-Butylbenzene	20.000	18.475	7.6	82	0.00
82	p-Isopropyltoluene	20.000	18.476	7.6	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.637	6.8	80	0.00
84 M	1,4-Dichlorobenzene	20.000	19.251	3.7	82	0.00
85	n-Butylbenzene	20.000	18.333	8.3	83	0.00
86 T	Hexachloroethane	20.000	18.490	7.6	83	0.00
87 M	1,2-Dichlorobenzene	20.000	19.853	0.7	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.946	20.3	73	0.00
89	1,2,4-Trichlorobenzene	20.000	18.282	8.6	83	0.00
90	Hexachlorobutadiene	20.000	19.783	1.1	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.607	17.0	75	0.00
92	1,2,3-Trichlorobenzene	20.000	17.969	10.2	81	0.00

(#) = Out of Range

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