

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120519\
 Data File : VX013784.D
 Acq On : 05 Dec 2019 18:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 03:36:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	17.188	14.1	82	0.00
3 M	Chloromethane	20.000	16.905	15.5	81	0.00
4 M	Vinyl Chloride	20.000	17.279	13.6	83	0.00
5 M	Bromomethane	20.000	14.705	26.5	80	0.00
6 M	Chloroethane	20.000	23.685	-18.4	117	0.00
7 M	Trichlorofluoromethane	20.000	17.645	11.8	87	0.00
8 T	Diethyl Ether	20.000	18.300	8.5	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.401	13.0	85	0.00
10 M	1,1-Dichloroethene	20.000	17.094	14.5	85	0.00
11	Methyl Iodide	20.000	16.874	15.6	89	0.00
12	Methyl Acetate	20.000	17.463	12.7	86	0.00
13 M	Acrolein	100.000	24.653	75.3#	24	0.00
14 M	Acrylonitrile	100.000	81.409	18.6	81	0.00
15 M	Acetone	100.000	92.048	8.0	80	0.00
16 M	Carbon Disulfide	20.000	17.072	14.6	86	0.00
17	Allyl chloride	20.000	16.733	16.3	83	0.00
18 M	Methylene Chloride	20.000	17.946	10.3	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.426	12.9	87	0.00
20 T	Diisopropyl ether	20.000	17.645	11.8	88	0.00
21 M	1,1-Dichloroethane	20.000	17.667	11.7	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.641	11.8	88	0.00
23 M	tert-Butyl Alcohol	100.000	72.740	27.3	76	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.051	9.7	89	0.00
25 M	Chloroform	20.000	17.631	11.8	87	0.00
26	Cyclohexane	20.000	16.959	15.2	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.668	4.4	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.197	9.0	89	0.00
30 M	2-Butanone	100.000	88.179	11.8	80	0.00
31	2,2-Dichloropropane	20.000	17.966	10.2	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.467	7.7	88	0.00
33 M	Carbon Tetrachloride	20.000	18.391	8.0	87	0.00
34 M	Benzene	20.000	18.680	6.6	88	0.00
35	Methacrylonitrile	20.000	18.119	9.4	85	0.00
36 M	1,2-Dichloroethane	20.000	18.704	6.5	88	0.00
37 M	Trichloroethene	20.000	18.506	7.5	89	0.00
38	Methylcyclohexane	20.000	17.774	11.1	86	0.00
39 M	1,2-Dichloropropane	20.000	18.417	7.9	88	0.00
40	Dibromomethane	20.000	18.152	9.2	86	0.00
41 M	Bromodichloromethane	20.000	18.626	6.9	88	0.00
42 M	Vinyl Acetate	100.000	90.023	10.0	85	0.00
43	Ethyl Acetate	20.000	17.528	12.4	82	0.00
44	Isopropyl Acetate	20.000	17.653	11.7	85	0.00
45 T	1,4-Dioxane	400.000	322.962	19.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.773	11.1	87	0.00
47	n-amyl Acetate	20.000	17.326	13.4	86	0.00
48 M	t-1,3-Dichloropropene	20.000	17.638	11.8	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.404	8.0	89	0.00
50 M	1,1,2-Trichloroethane	20.000	19.055	4.7	89	0.00
51	Ethyl methacrylate	20.000	17.873	10.6	89	0.00
52	1,3-Dichloropropane	20.000	18.759	6.2	88	0.00
53 M	Dibromochloromethane	20.000	18.339	8.3	90	0.00
54 M	1,2-Dibromoethane	20.000	18.384	8.1	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.159	16.8	78	0.00
56 M	Bromoform	20.000	17.731	11.3	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.865	12.1	83	0.00
59 M	2-Hexanone	100.000	86.625	13.4	81	0.00
60 S	4-Bromofluorobenzene	30.000	29.873	0.4	93	0.00
61 M	Tetrachloroethene	20.000	18.972	5.1	92	0.00
62 M	Toluene	20.000	18.479	7.6	87	0.00
63 S	Toluene-d8	30.000	29.579	1.4	90	0.00
64 M	Chlorobenzene	20.000	18.575	7.1	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.652	6.7	91	0.00
66 M	Ethyl Benzene	20.000	18.384	8.1	88	0.00
67 M	m/p-Xylenes	40.000	36.667	8.3	89	0.00
68 M	o-Xylene	20.000	18.632	6.8	91	0.00
69 M	Styrene	20.000	18.465	7.7	90	0.00
70	Isopropylbenzene	20.000	18.605	7.0	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.103	9.5	87	0.00
72	1,2,3-Trichloropropane	20.000	17.090	14.6	88	0.00
73	Bromobenzene	20.000	18.508	7.5	91	0.00
74	n-propylbenzene	20.000	18.558	7.2	90	0.00
75	2-Chlorotoluene	20.000	18.415	7.9	89	0.00
76	1,3,5-Trimethylbenzene	20.000	18.398	8.0	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.431	17.8	84	0.00
78	4-Chlorotoluene	20.000	18.338	8.3	90	0.00
79	tert-butylbenzene	20.000	18.375	8.1	89	0.00
80	1,2,4-Trimethylbenzene	20.000	18.529	7.4	90	0.00
81	sec-Butylbenzene	20.000	18.434	7.8	91	0.00
82	p-Isopropyltoluene	20.000	18.474	7.6	91	0.00
83 M	1,3-Dichlorobenzene	20.000	18.498	7.5	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.469	7.7	92	0.00
85	n-Butylbenzene	20.000	17.848	10.8	90	0.00
86 T	Hexachloroethane	20.000	17.612	11.9	91	0.00
87 M	1,2-Dichlorobenzene	20.000	18.322	8.4	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.479	12.6	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.360	8.2	93	0.00
90	Hexachlorobutadiene	20.000	17.797	11.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.521	7.4	92	0.00
92	1,2,3-Trichlorobenzene	20.000	18.816	5.9	94	0.00

(#) = Out of Range

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