

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112219\
 Data File : VX013547.D
 Acq On : 22 Nov 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 23 00:17:39 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	18.996	5.0	89	0.00
3 M	Chloromethane	20.000	18.612	6.9	88	0.00
4 M	Vinyl Chloride	20.000	18.991	5.0	90	0.00
5 M	Bromomethane	20.000	17.229	13.9	92	0.00
6 M	Chloroethane	20.000	18.424	7.9	89	0.00
7 M	Trichlorofluoromethane	20.000	18.754	6.2	91	0.00
8 T	Diethyl Ether	20.000	19.014	4.9	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.769	6.2	91	0.00
10 M	1,1-Dichloroethene	20.000	18.929	5.4	93	0.00
11	Methyl Iodide	20.000	17.015	14.9	88	0.00
12	Methyl Acetate	20.000	19.853	0.7	96	0.00
13 M	Acrolein	100.000	87.631	12.4	85	0.00
14 M	Acrylonitrile	100.000	94.771	5.2	93	0.00
15 M	Acetone	100.000	82.435	17.6	71	0.00
16 M	Carbon Disulfide	20.000	17.670	11.6	88	0.00
17	Allyl chloride	20.000	17.718	11.4	86	0.00
18 M	Methylene Chloride	20.000	19.403	3.0	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.126	4.4	95	0.00
20 T	Diisopropyl ether	20.000	18.819	5.9	92	0.00
21 M	1,1-Dichloroethane	20.000	18.550	7.2	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.883	5.6	93	0.00
23 M	tert-Butyl Alcohol	100.000	85.784	14.2	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.047	4.8	93	0.00
25 M	Chloroform	20.000	18.469	7.7	90	0.00
26	Cyclohexane	20.000	18.341	8.3	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.983	3.4	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	19.188	4.1	92	0.00
30 M	2-Butanone	100.000	93.147	6.9	84	0.00
31	2,2-Dichloropropane	20.000	16.334	18.3	76	0.00
32 M	1,1,1-Trichloroethane	20.000	19.365	3.2	91	0.00
33 M	Carbon Tetrachloride	20.000	18.936	5.3	89	0.00
34 M	Benzene	20.000	19.756	1.2	92	0.00
35	Methacrylonitrile	20.000	20.423	-2.1	95	0.00
36 M	1,2-Dichloroethane	20.000	19.530	2.3	91	0.00
37 M	Trichloroethene	20.000	20.718	-3.6	99	0.00
38	Methylcyclohexane	20.000	19.167	4.2	91	0.00
39 M	1,2-Dichloropropane	20.000	19.830	0.9	94	0.00
40	Dibromomethane	20.000	19.166	4.2	90	0.00
41 M	Bromodichloromethane	20.000	18.972	5.1	89	0.00
42 M	Vinyl Acetate	100.000	77.012	23.0	72	0.00
43	Ethyl Acetate	20.000	18.870	5.6	87	0.00
44	Isopropyl Acetate	20.000	19.293	3.5	92	0.00
45 T	1,4-Dioxane	400.000	371.731	7.1	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.271	3.6	93	0.00
47	n-amyl Acetate	20.000	18.872	5.6	92	0.00
48 M	t-1,3-Dichloropropene	20.000	17.782	11.1	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.578	7.1	89	0.00
50 M	1,1,2-Trichloroethane	20.000	19.978	0.1	93	0.00
51	Ethyl methacrylate	20.000	19.154	4.2	94	0.00
52	1,3-Dichloropropane	20.000	19.917	0.4	93	0.00
53 M	Dibromochloromethane	20.000	18.815	5.9	91	0.00
54 M	1,2-Dibromoethane	20.000	19.579	2.1	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.403	8.6	85	0.00
56 M	Bromoform	20.000	17.876	10.6	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.607	2.4	92	0.00
59 M	2-Hexanone	100.000	95.902	4.1	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.796	0.7	92	0.00
61 M	Tetrachloroethene	20.000	30.557	-52.8#	148	0.00
62 M	Toluene	20.000	19.531	2.3	92	0.00
63 S	Toluene-d8	30.000	30.331	-1.1	92	0.00
64 M	Chlorobenzene	20.000	19.419	2.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.340	3.3	94	0.00
66 M	Ethyl Benzene	20.000	19.347	3.3	93	0.00
67 M	m/p-Xylenes	40.000	38.292	4.3	93	0.00
68 M	o-Xylene	20.000	19.586	2.1	95	0.00
69 M	Styrene	20.000	19.022	4.9	92	0.00
70	Isopropylbenzene	20.000	19.439	2.8	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.270	8.7	88	0.00
72	1,2,3-Trichloropropane	20.000	18.482	7.6	95	0.00
73	Bromobenzene	20.000	19.101	4.5	93	0.00
74	n-propylbenzene	20.000	19.343	3.3	94	0.00
75	2-Chlorotoluene	20.000	19.404	3.0	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.270	3.7	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.840	20.8	81	0.00
78	4-Chlorotoluene	20.000	19.125	4.4	94	0.00
79	tert-butylbenzene	20.000	16.605	17.0	80	0.00
80	1,2,4-Trimethylbenzene	20.000	19.568	2.2	95	0.00
81	sec-Butylbenzene	20.000	19.105	4.5	94	0.00
82	p-Isopropyltoluene	20.000	18.973	5.1	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.016	4.9	95	0.00
84 M	1,4-Dichlorobenzene	20.000	18.975	5.1	95	0.00
85	n-Butylbenzene	20.000	18.559	7.2	93	0.00
86 T	Hexachloroethane	20.000	17.739	11.3	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.173	4.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.495	7.5	94	0.00
89	1,2,4-Trichlorobenzene	20.000	19.160	4.2	97	0.00
90	Hexachlorobutadiene	20.000	18.910	5.4	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.030	4.8	95	0.00
92	1,2,3-Trichlorobenzene	20.000	19.044	4.8	95	0.00

(#) = Out of Range

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