

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032719\
 Data File : VX008478.D
 Acq On : 27 Mar 2019 13:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 02:16:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.845	0.8	98	0.00
3 M	Chloromethane	20.000	19.915	0.4	98	0.00
4 M	Vinyl Chloride	20.000	19.265	3.7	96	0.00
5 M	Bromomethane	20.000	18.465	7.7	101	0.00
6 M	Chloroethane	20.000	17.953	10.2	95	0.00
7 M	Trichlorofluoromethane	20.000	19.752	1.2	98	0.00
8 T	Diethyl Ether	20.000	19.194	4.0	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.776	1.1	101	0.00
10 M	1,1-Dichloroethene	20.000	19.683	1.6	99	0.00
11	Methyl Iodide	20.000	16.300	18.5	90	0.00
12	Methyl Acetate	20.000	19.432	2.8	97	0.00
13 M	Acrolein	100.000	87.851	12.1	90	0.00
14 M	Acrylonitrile	100.000	96.003	4.0	97	0.00
15 M	Acetone	100.000	93.227	6.8	84	0.00
16 M	Carbon Disulfide	20.000	19.383	3.1	98	0.00
17	Allyl chloride	20.000	19.017	4.9	98	0.00
18 M	Methylene Chloride	20.000	19.422	2.9	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.517	2.4	98	0.00
20 T	Diisopropyl ether	20.000	19.621	1.9	99	0.00
21 M	1,1-Dichloroethane	20.000	19.457	2.7	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.477	2.6	99	0.00
23 M	tert-Butyl Alcohol	100.000	94.548	5.5	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.585	2.1	98	0.00
25 M	Chloroform	20.000	19.419	2.9	96	0.00
26	Cyclohexane	20.000	19.835	0.8	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.693	1.0	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.699	1.5	100	0.00
30 M	2-Butanone	100.000	94.163	5.8	91	0.00
31	2,2-Dichloropropane	20.000	19.267	3.7	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.097	4.5	97	0.00
33 M	Carbon Tetrachloride	20.000	19.067	4.7	98	0.00
34 M	Benzene	20.000	19.441	2.8	97	0.00
35	Methacrylonitrile	20.000	18.988	5.1	98	0.00
36 M	1,2-Dichloroethane	20.000	19.714	1.4	99	0.00
37 M	Trichloroethene	20.000	19.581	2.1	101	0.00
38	Methylcyclohexane	20.000	19.820	0.9	101	0.00
39 M	1,2-Dichloropropane	20.000	19.400	3.0	97	0.00
40	Dibromomethane	20.000	18.801	6.0	96	0.00
41 M	Bromodichloromethane	20.000	18.790	6.1	96	0.00
42 M	Vinyl Acetate	100.000	97.701	2.3	98	0.00
43	Ethyl Acetate	20.000	19.236	3.8	95	0.00
44	Isopropyl Acetate	20.000	18.853	5.7	96	0.00
45 T	1,4-Dioxane	400.000	392.872	1.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.967	5.2	97	0.00
47	n-amyl Acetate	20.000	18.785	6.1	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.596	7.0	100	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.779	6.1	97	0.00
50 M	1,1,2-Trichloroethane	20.000	19.321	3.4	100	0.00
51	Ethyl methacrylate	20.000	18.724	6.4	98	0.00
52	1,3-Dichloropropane	20.000	19.303	3.5	97	0.00
53 M	Dibromochloromethane	20.000	18.470	7.7	97	0.00
54 M	1,2-Dibromoethane	20.000	19.192	4.0	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.843	-1.8	114	0.00
56 M	Bromoform	20.000	17.778	11.1	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.932	3.1	97	0.00
59 M	2-Hexanone	100.000	96.470	3.5	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.267	-0.9	101	0.00
61 M	Tetrachloroethene	20.000	20.256	-1.3	101	0.00
62 M	Toluene	20.000	19.871	0.6	98	0.00
63 S	Toluene-d8	30.000	30.156	-0.5	97	0.00
64 M	Chlorobenzene	20.000	19.730	1.3	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.296	3.5	99	0.00
66 M	Ethyl Benzene	20.000	19.720	1.4	99	0.00
67 M	m/p-Xylenes	40.000	39.597	1.0	99	0.00
68 M	o-Xylene	20.000	19.695	1.5	99	0.00
69 M	Styrene	20.000	19.559	2.2	100	0.00
70	Isopropylbenzene	20.000	19.918	0.4	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.393	3.0	97	0.00
72	1,2,3-Trichloropropane	20.000	19.752	1.2	96	0.00
73	Bromobenzene	20.000	19.233	3.8	99	0.00
74	n-propylbenzene	20.000	19.953	0.2	101	0.00
75	2-Chlorotoluene	20.000	19.779	1.1	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.987	0.1	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.694	11.5	98	0.00
78	4-Chlorotoluene	20.000	19.600	2.0	102	0.00
79	tert-butylbenzene	20.000	20.024	-0.1	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.682	1.6	100	0.00
81	sec-Butylbenzene	20.000	19.940	0.3	101	0.00
82	p-Isopropyltoluene	20.000	20.024	-0.1	102	0.00
83 M	1,3-Dichlorobenzene	20.000	19.677	1.6	102	0.00
84 M	1,4-Dichlorobenzene	20.000	19.686	1.6	103	0.00
85	n-Butylbenzene	20.000	19.614	1.9	102	0.00
86 T	Hexachloroethane	20.000	18.897	5.5	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.681	1.6	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.278	3.6	97	0.00
89	1,2,4-Trichlorobenzene	20.000	19.847	0.8	104	0.00
90	Hexachlorobutadiene	20.000	20.194	-1.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.330	-1.6	100	0.00
92	1,2,3-Trichlorobenzene	20.000	20.439	-2.2	104	0.00

(#) = Out of Range

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