

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032719\
 Data File : VX008505.D
 Acq On : 27 Mar 2019 23:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 04:20:20 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	17.472	12.6	78	0.00
3 M	Chloromethane	20.000	18.088	9.6	80	0.00
4 M	Vinyl Chloride	20.000	18.064	9.7	81	0.00
5 M	Bromomethane	20.000	15.393	23.0	75	0.00
6 M	Chloroethane	20.000	17.066	14.7	81	0.00
7 M	Trichlorofluoromethane	20.000	18.058	9.7	80	0.00
8 T	Diethyl Ether	20.000	18.361	8.2	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.426	12.9	80	0.00
10 M	1,1-Dichloroethene	20.000	18.566	7.2	84	0.00
11	Methyl Iodide	20.000	16.877	15.6	84	0.00
12	Methyl Acetate	20.000	18.593	7.0	83	0.00
13 M	Acrolein	100.000	51.687	48.3#	47	0.00
14 M	Acrylonitrile	100.000	93.767	6.2	85	0.00
15 M	Acetone	100.000	79.553	20.4	64	0.00
16 M	Carbon Disulfide	20.000	17.640	11.8	80	0.00
17	Allyl chloride	20.000	17.710	11.4	82	0.00
18 M	Methylene Chloride	20.000	18.511	7.4	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.383	8.1	83	0.00
20 T	Diisopropyl ether	20.000	18.632	6.8	84	0.00
21 M	1,1-Dichloroethane	20.000	18.737	6.3	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.495	7.5	84	0.00
23 M	tert-Butyl Alcohol	100.000	83.272	16.7	76	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.406	8.0	83	0.00
25 M	Chloroform	20.000	18.538	7.3	83	0.00
26	Cyclohexane	20.000	18.175	9.1	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.930	0.2	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	18.426	7.9	82	0.00
30 M	2-Butanone	100.000	89.605	10.4	76	0.00
31	2,2-Dichloropropane	20.000	15.181	24.1	68	0.00
32 M	1,1,1-Trichloroethane	20.000	18.464	7.7	82	0.00
33 M	Carbon Tetrachloride	20.000	17.900	10.5	81	0.00
34 M	Benzene	20.000	18.990	5.1	84	0.00
35	Methacrylonitrile	20.000	18.794	6.0	85	0.00
36 M	1,2-Dichloroethane	20.000	19.079	4.6	84	0.00
37 M	Trichloroethene	20.000	18.570	7.1	84	0.00
38	Methylcyclohexane	20.000	17.552	12.2	79	0.00
39 M	1,2-Dichloropropane	20.000	18.604	7.0	82	0.00
40	Dibromomethane	20.000	18.777	6.1	84	0.00
41 M	Bromodichloromethane	20.000	18.526	7.4	84	0.00
42 M	Vinyl Acetate	100.000	93.894	6.1	83	0.00
43	Ethyl Acetate	20.000	19.292	3.5	84	0.00
44	Isopropyl Acetate	20.000	18.486	7.6	83	0.00
45 T	1,4-Dioxane	400.000	317.560	20.6	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.538	7.3	83	0.00
47	n-amyl Acetate	20.000	18.220	8.9	85	0.00
48 M	t-1,3-Dichloropropene	20.000	16.845	15.8	79	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.378	13.1	79	0.00
50 M	1,1,2-Trichloroethane	20.000	18.271	8.6	84	0.00
51	Ethyl methacrylate	20.000	18.221	8.9	84	0.00
52	1,3-Dichloropropane	20.000	18.871	5.6	84	0.00
53 M	Dibromochloromethane	20.000	17.666	11.7	82	0.00
54 M	1,2-Dibromoethane	20.000	18.641	6.8	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.486	8.5	90	0.00
56 M	Bromoform	20.000	17.188	14.1	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.131	6.9	83	0.00
59 M	2-Hexanone	100.000	89.685	10.3	78	0.00
60 S	4-Bromofluorobenzene	30.000	29.375	2.1	88	0.00
61 M	Tetrachloroethene	20.000	18.782	6.1	84	0.00
62 M	Toluene	20.000	18.646	6.8	83	0.00
63 S	Toluene-d8	30.000	30.199	-0.7	87	0.00
64 M	Chlorobenzene	20.000	18.599	7.0	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.278	8.6	84	0.00
66 M	Ethyl Benzene	20.000	18.533	7.3	83	0.00
67 M	m/p-Xylenes	40.000	36.755	8.1	83	0.00
68 M	o-Xylene	20.000	18.284	8.6	82	0.00
69 M	Styrene	20.000	18.263	8.7	84	0.00
70	Isopropylbenzene	20.000	18.301	8.5	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.492	7.5	83	0.00
72	1,2,3-Trichloropropane	20.000	18.485	7.6	81	0.00
73	Bromobenzene	20.000	18.297	8.5	84	0.00
74	n-propylbenzene	20.000	18.239	8.8	83	0.00
75	2-Chlorotoluene	20.000	18.369	8.2	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.101	9.5	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.058	24.7	75	0.00
78	4-Chlorotoluene	20.000	17.875	10.6	83	0.00
79	tert-butylbenzene	20.000	17.978	10.1	82	0.00
80	1,2,4-Trimethylbenzene	20.000	18.243	8.8	83	0.00
81	sec-Butylbenzene	20.000	18.100	9.5	83	0.00
82	p-Isopropyltoluene	20.000	17.978	10.1	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.033	9.8	84	0.00
84 M	1,4-Dichlorobenzene	20.000	17.978	10.1	84	0.00
85	n-Butylbenzene	20.000	17.304	13.5	81	0.00
86 T	Hexachloroethane	20.000	17.158	14.2	82	0.00
87 M	1,2-Dichlorobenzene	20.000	17.920	10.4	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.138	14.3	77	0.00
89	1,2,4-Trichlorobenzene	20.000	17.893	10.5	85	0.00
90	Hexachlorobutadiene	20.000	17.737	11.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.384	8.1	81	0.00
92	1,2,3-Trichlorobenzene	20.000	18.220	8.9	83	0.00

(#) = Out of Range

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