

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX043020\
 Data File : VX015992.D
 Acq On : 30 Apr 2020 13:32
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Quant Time: May 01 08:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	18.547	7.3	92	0.00
3 M	Chloromethane	20.000	17.849	10.8	91	0.00
4 M	Vinyl Chloride	20.000	17.403	13.0	91	0.00
5 M	Bromomethane	20.000	20.537	-2.7	96	0.00
6 M	Chloroethane	20.000	17.413	12.9	91	0.00
7 M	Trichlorofluoromethane	20.000	18.030	9.8	95	0.00
8 T	Diethyl Ether	20.000	18.027	9.9	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.616	11.9	96	0.00
10 M	1,1-Dichloroethene	20.000	17.262	13.7	93	0.00
11	Methyl Iodide	20.000	16.707	16.5	94	0.00
12	Methyl Acetate	20.000	18.720	6.4	98	0.00
13 M	Acrolein	100.000	102.443	-2.4	128	0.00
14 M	Acrylonitrile	100.000	90.303	9.7	99	0.00
15 M	Acetone	100.000	89.049	11.0	98	0.00
16 M	Carbon Disulfide	20.000	17.647	11.8	96	0.00
17	Allyl chloride	20.000	17.459	12.7	94	0.00
18 M	Methylene Chloride	20.000	17.902	10.5	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.648	11.8	96	0.00
20 T	Diisopropyl ether	20.000	17.720	11.4	97	-0.01
21 M	1,1-Dichloroethane	20.000	17.375	13.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.370	13.1	96	0.00
23 M	tert-Butyl Alcohol	100.000	89.216	10.8	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.394	8.0	100	0.00
25 M	Chloroform	20.000	17.621	11.9	96	-0.01
26	Cyclohexane	20.000	17.292	13.5	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.351	-1.2	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	17.879	10.6	96	0.00
30 M	2-Butanone	100.000	93.437	6.6	99	0.00
31	2,2-Dichloropropane	20.000	17.834	10.8	94	0.00
32 M	1,1,1-Trichloroethane	20.000	17.728	11.4	94	-0.01
33 M	Carbon Tetrachloride	20.000	17.702	11.5	94	0.00
34 M	Benzene	20.000	17.909	10.5	95	0.00
35	Methacrylonitrile	20.000	18.477	7.6	99	0.00
36 M	1,2-Dichloroethane	20.000	18.451	7.7	97	0.00
37 M	Trichloroethene	20.000	18.502	7.5	93	0.00
38	Methylcyclohexane	20.000	17.799	11.0	96	0.00
39 M	1,2-Dichloropropane	20.000	18.186	9.1	97	0.00
40	Dibromomethane	20.000	18.545	7.3	97	0.00
41 M	Bromodichloromethane	20.000	17.618	11.9	96	0.00
42 M	Vinyl Acetate	100.000	91.867	8.1	99	0.00
43	Ethyl Acetate	20.000	18.412	7.9	97	0.00
44	Isopropyl Acetate	20.000	18.491	7.5	98	0.00
45 T	1,4-Dioxane	400.000	366.552	8.4	99	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.198	9.0	98	0.00
47	n-amyl Acetate	20.000	17.580	12.1	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.757	11.2	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.062	9.7	97	0.00
50 M	1,1,2-Trichloroethane	20.000	17.940	10.3	96	0.00
51	Ethyl methacrylate	20.000	17.830	10.9	99	0.00
52	1,3-Dichloropropane	20.000	18.406	8.0	98	0.00
53 M	Dibromochloromethane	20.000	17.728	11.4	98	0.00
54 M	1,2-Dibromoethane	20.000	18.049	9.8	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.499	11.5	99	0.00
56 M	Bromoform	20.000	16.840	15.8	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.408	7.6	98	0.00
59 M	2-Hexanone	100.000	91.640	8.4	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.258	2.5	97	0.00
61 M	Tetrachloroethene	20.000	18.464	7.7	94	0.00
62 M	Toluene	20.000	18.080	9.6	96	0.00
63 S	Toluene-d8	30.000	30.389	-1.3	98	0.00
64 M	Chlorobenzene	20.000	17.847	10.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.852	10.7	97	0.00
66 M	Ethyl Benzene	20.000	18.035	9.8	96	0.00
67 M	m/p-Xylenes	40.000	35.473	11.3	96	0.00
68 M	o-Xylene	20.000	17.852	10.7	98	0.00
69 M	Styrene	20.000	17.236	13.8	95	0.00
70	Isopropylbenzene	20.000	17.719	11.4	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.314	18.4	110	0.00
72	1,2,3-Trichloropropane	20.000	18.385	8.1	99	0.00
73	Bromobenzene	20.000	17.694	11.5	96	0.00
74	n-propylbenzene	20.000	17.675	11.6	96	0.00
75	2-Chlorotoluene	20.000	17.634	11.8	96	0.00
76	1,3,5-Trimethylbenzene	20.000	17.283	13.6	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.390	13.0	97	0.00
78	4-Chlorotoluene	20.000	17.600	12.0	96	0.00
79	tert-butylbenzene	20.000	17.542	12.3	98	0.00
80	1,2,4-Trimethylbenzene	20.000	17.577	12.1	96	0.00
81	sec-Butylbenzene	20.000	17.521	12.4	96	0.00
82	p-Isopropyltoluene	20.000	17.443	12.8	96	0.00
83 M	1,3-Dichlorobenzene	20.000	17.726	11.4	98	0.00
84 M	1,4-Dichlorobenzene	20.000	17.926	10.4	100	0.00
85	n-Butylbenzene	20.000	17.306	13.5	97	0.00
86 T	Hexachloroethane	20.000	17.074	14.6	98	0.00
87 M	1,2-Dichlorobenzene	20.000	18.098	9.5	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.310	13.5	97	0.00
89	1,2,4-Trichlorobenzene	20.000	17.149	14.3	94	0.00
90	Hexachlorobutadiene	20.000	18.125	9.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.891	10.5	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.719	11.4	98	0.00

(#) = Out of Range

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