

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021938.D
 Acq On : 12 May 2021 19:43
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051321

Quant Time: May 13 06:16:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.439	7.8	101	0.00
3 M	Chloromethane	20.000	17.760	11.2	102	0.00
4 M	Vinyl Chloride	20.000	18.149	9.3	102	0.00
5 M	Bromomethane	20.000	17.689	11.6	91	0.00
6 M	Chloroethane	20.000	17.884	10.6	100	0.00
7 M	Trichlorofluoromethane	20.000	17.422	12.9	98	0.00
8 T	Diethyl Ether	20.000	17.367	13.2	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.438	12.8	99	0.00
10 M	1,1-Dichloroethene	20.000	17.030	14.8	97	0.00
11	Methyl Iodide	20.000	19.566	2.2	108	0.00
12	Methyl Acetate	20.000	18.113	9.4	99	0.00
13 M	Acrolein	100.000	97.183	2.8	109	0.00
14 M	Acrylonitrile	100.000	88.729	11.3	97	0.00
15 M	Acetone	100.000	88.329	11.7	96	0.00
16 M	Carbon Disulfide	20.000	17.928	10.4	101	0.00
17	Allyl chloride	20.000	17.440	12.8	99	0.00
18 M	Methylene Chloride	20.000	17.471	12.6	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.749	11.3	100	0.00
20 T	Diisopropyl ether	20.000	17.289	13.6	99	0.00
21 M	1,1-Dichloroethane	20.000	17.834	10.8	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.803	11.0	102	0.00
23 M	tert-Butyl Alcohol	100.000	85.181	14.8	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.949	10.3	100	0.00
25 M	Chloroform	20.000	17.782	11.1	103	0.00
26	Cyclohexane	20.000	17.480	12.6	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.502	1.7	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.080	9.6	99	0.00
30 M	2-Butanone	100.000	90.194	9.8	97	0.00
31	2,2-Dichloropropane	20.000	17.403	13.0	95	0.00
32 M	1,1,1-Trichloroethane	20.000	17.795	11.0	100	0.00
33 M	Carbon Tetrachloride	20.000	18.253	8.7	99	0.00
34 M	Benzene	20.000	18.012	9.9	101	0.00
35	Methacrylonitrile	20.000	17.914	10.4	97	0.00
36 M	1,2-Dichloroethane	20.000	18.207	9.0	102	0.00
37 M	Trichloroethene	20.000	17.641	11.8	97	0.00
38	Methylcyclohexane	20.000	17.805	11.0	98	0.00
39 M	1,2-Dichloropropane	20.000	17.676	11.6	98	0.00
40	Dibromomethane	20.000	18.166	9.2	100	0.00
41 M	Bromodichloromethane	20.000	18.105	9.5	101	0.00
42 M	Vinyl Acetate	100.000	90.297	9.7	99	0.00
43	Ethyl Acetate	20.000	18.721	6.4	101	0.00
44	Isopropyl Acetate	20.000	18.111	9.4	99	0.00
45 T	1,4-Dioxane	400.000	349.277	12.7	92	0.00
46	Methyl methacrylate	20.000	18.442	7.8	102	0.00
47	n-amyl Acetate	20.000	17.829	10.9	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.028	9.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.291	8.5	99	0.00
50 M	1,1,2-Trichloroethane	20.000	18.037	9.8	99	0.00
51	Ethyl methacrylate	20.000	17.879	10.6	98	0.00
52	1,3-Dichloropropane	20.000	17.935	10.3	98	0.00
53 M	Dibromochloromethane	20.000	18.539	7.3	104	0.00
54 M	1,2-Dibromoethane	20.000	18.520	7.4	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.002	6.0	103	0.00
56 M	Bromoform	20.000	18.007	10.0	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.192	9.8	100	0.00
59 M	2-Hexanone	100.000	90.723	9.3	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.604	1.3	99	0.00
61 M	Tetrachloroethene	20.000	17.726	11.4	99	0.00
62 M	Toluene	20.000	17.808	11.0	100	0.00
63 S	Toluene-d8	30.000	29.758	0.8	101	0.00
64 M	Chlorobenzene	20.000	18.435	7.8	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.742	11.3	99	0.00
66 M	Ethyl Benzene	20.000	18.143	9.3	102	0.00
67 M	m/p-Xylenes	40.000	35.630	10.9	102	0.00
68 M	o-Xylene	20.000	18.310	8.5	100	0.00
69 M	Styrene	20.000	17.728	11.4	101	0.00
70	Isopropylbenzene	20.000	17.691	11.5	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.641	11.8	97	0.00
72	1,2,3-Trichloropropane	20.000	17.896	10.5	101	0.00
73	Bromobenzene	20.000	17.292	13.5	95	0.00
74	n-propylbenzene	20.000	17.697	11.5	100	0.00
75	2-Chlorotoluene	20.000	17.944	10.3	100	0.00
76	1,3,5-Trimethylbenzene	20.000	17.901	10.5	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.069	9.7	99	0.00
78	4-Chlorotoluene	20.000	17.608	12.0	99	0.00
79	tert-butylbenzene	20.000	18.039	9.8	101	0.00
80	1,2,4-Trimethylbenzene	20.000	17.778	11.1	100	0.00
81	sec-Butylbenzene	20.000	17.568	12.2	98	0.00
82	p-Isopropyltoluene	20.000	17.510	12.4	97	0.00
83 M	1,3-Dichlorobenzene	20.000	17.305	13.5	96	0.00
84 M	1,4-Dichlorobenzene	20.000	17.617	11.9	96	0.00
85	n-Butylbenzene	20.000	17.064	14.7	98	0.00
86 T	Hexachloroethane	20.000	18.131	9.3	105	0.00
87 M	1,2-Dichlorobenzene	20.000	17.679	11.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.149	14.3	97	0.00
89	1,2,4-Trichlorobenzene	20.000	16.917	15.4	98	0.00
90	Hexachlorobutadiene	20.000	17.940	10.3	100	0.00
91 M	Naphthalene	20.000	17.675	11.6	98	0.00
92	1,2,3-Trichlorobenzene	20.000	17.676	11.6	98	0.00

(#) = Out of Range

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