

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021531.D
 Acq On : 26 Mar 2021 13:51
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032621

Quant Time: Mar 27 04:50:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.499	7.5	97	0.00
3 M	Chloromethane	20.000	18.087	9.6	98	0.00
4 M	Vinyl Chloride	20.000	17.535	12.3	98	0.00
5 M	Bromomethane	20.000	19.785	1.1	104	0.00
6 M	Chloroethane	20.000	17.469	12.7	99	0.00
7 M	Trichlorofluoromethane	20.000	17.911	10.4	99	0.00
8 T	Diethyl Ether	20.000	18.008	10.0	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.329	8.4	103	0.00
10 M	1,1-Dichloroethene	20.000	17.164	14.2	94	0.00
11	Methyl Iodide	20.000	16.441	17.8	111	0.00
12	Methyl Acetate	20.000	18.973	5.1	102	0.00
13 M	Acrolein	100.000	85.003	15.0	95	0.00
14 M	Acrylonitrile	100.000	88.936	11.1	101	0.00
15 M	Acetone	100.000	90.117	9.9	101	0.00
16 M	Carbon Disulfide	20.000	17.535	12.3	99	0.00
17	Allyl chloride	20.000	17.873	10.6	101	0.00
18 M	Methylene Chloride	20.000	18.046	9.8	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.671	11.6	100	0.00
20 T	Diisopropyl ether	20.000	17.784	11.1	101	0.00
21 M	1,1-Dichloroethane	20.000	17.486	12.6	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.529	12.4	99	-0.01
23 M	tert-Butyl Alcohol	100.000	85.092	14.9	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.181	9.1	105	0.00
25 M	Chloroform	20.000	17.551	12.2	99	0.00
26	Cyclohexane	20.000	17.708	11.5	100	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.601	1.3	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	17.950	10.3	98	0.00
30 M	2-Butanone	100.000	92.242	7.8	101	0.00
31	2,2-Dichloropropane	20.000	18.044	9.8	102	0.00
32 M	1,1,1-Trichloroethane	20.000	17.829	10.9	97	0.00
33 M	Carbon Tetrachloride	20.000	17.937	10.3	99	0.00
34 M	Benzene	20.000	18.251	8.7	99	0.00
35	Methacrylonitrile	20.000	18.296	8.5	103	0.00
36 M	1,2-Dichloroethane	20.000	18.761	6.2	100	0.00
37 M	Trichloroethene	20.000	17.839	10.8	98	0.00
38	Methylcyclohexane	20.000	18.347	8.3	103	0.00
39 M	1,2-Dichloropropane	20.000	18.669	6.7	102	0.00
40	Dibromomethane	20.000	18.936	5.3	102	0.00
41 M	Bromodichloromethane	20.000	18.414	7.9	101	0.00
42 M	Vinyl Acetate	100.000	91.800	8.2	103	0.00
43	Ethyl Acetate	20.000	18.938	5.3	102	0.00
44	Isopropyl Acetate	20.000	18.095	9.5	99	0.00
45 T	1,4-Dioxane	400.000	371.858	7.0	103	0.00
46	Methyl methacrylate	20.000	18.398	8.0	101	0.00
47	n-amyl Acetate	20.000	18.220	8.9	103	0.00
48 M	t-1,3-Dichloropropene	20.000	18.129	9.4	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.022	9.9	101	0.00
50 M	1,1,2-Trichloroethane	20.000	18.731	6.3	106	0.00
51	Ethyl methacrylate	20.000	17.947	10.3	104	0.00
52	1,3-Dichloropropane	20.000	18.561	7.2	101	0.00
53 M	Dibromochloromethane	20.000	17.665	11.7	101	0.00
54 M	1,2-Dibromoethane	20.000	18.135	9.3	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.401	6.6	102	0.00
56 M	Bromoform	20.000	17.906	10.5	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.029	9.0	100	0.00
59 M	2-Hexanone	100.000	91.070	8.9	102	0.00
60 S	4-Bromofluorobenzene	30.000	30.357	-1.2	108	0.00
61 M	Tetrachloroethene	20.000	17.931	10.3	96	0.00
62 M	Toluene	20.000	17.926	10.4	99	0.00
63 S	Toluene-d8	30.000	30.034	-0.1	104	0.00
64 M	Chlorobenzene	20.000	18.066	9.7	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.213	8.9	108	0.00
66 M	Ethyl Benzene	20.000	17.925	10.4	103	0.00
67 M	m/p-Xylenes	40.000	35.876	10.3	101	0.00
68 M	o-Xylene	20.000	18.022	9.9	102	0.00
69 M	Styrene	20.000	17.765	11.2	103	0.00
70	Isopropylbenzene	20.000	18.055	9.7	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.570	7.1	103	0.00
72	1,2,3-Trichloropropane	20.000	19.382	3.1	109	0.00
73	Bromobenzene	20.000	18.115	9.4	102	0.00
74	n-propylbenzene	20.000	17.811	10.9	102	0.00
75	2-Chlorotoluene	20.000	17.961	10.2	102	0.00
76	1,3,5-Trimethylbenzene	20.000	18.264	8.7	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.861	15.7	107	0.00
78	4-Chlorotoluene	20.000	18.153	9.2	103	0.00
79	tert-butylbenzene	20.000	17.805	11.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	18.458	7.7	103	0.00
81	sec-Butylbenzene	20.000	18.291	8.5	107	0.00
82	p-Isopropyltoluene	20.000	17.509	12.5	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.279	8.6	106	0.00
84 M	1,4-Dichlorobenzene	20.000	18.539	7.3	109	0.00
85	n-Butylbenzene	20.000	17.766	11.2	108	0.00
86 T	Hexachloroethane	20.000	17.043	14.8	107	0.00
87 M	1,2-Dichlorobenzene	20.000	18.387	8.1	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.175	9.1	106	0.00
89	1,2,4-Trichlorobenzene	20.000	17.942	10.3	107	0.00
90	Hexachlorobutadiene	20.000	18.742	6.3	107	0.00
91 M	Naphthalene	20.000	18.103	9.5	108	0.00
92	1,2,3-Trichlorobenzene	20.000	17.918	10.4	104	0.00

(#) = Out of Range

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