

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017612.D
 Acq On : 27 Jul 2020 12:40
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Quant Time: Jul 27 16:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	22.062	-10.3	104	0.00
3 M	Chloromethane	20.000	20.177	-0.9	96	0.00
4 M	Vinyl Chloride	20.000	18.389	8.1	86	0.00
5 M	Bromomethane	20.000	20.198	-1.0	89	0.00
6 M	Chloroethane	20.000	18.198	9.0	86	0.00
7 M	Trichlorofluoromethane	20.000	17.766	11.2	85	0.00
8 T	Diethyl Ether	20.000	18.015	9.9	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.927	15.4	84	0.00
10 M	1,1-Dichloroethene	20.000	16.399	18.0	82	0.00
11	Methyl Iodide	20.000	16.212	18.9	87	0.00
12	Methyl Acetate	20.000	19.200	4.0	94	0.00
13 M	Acrolein	100.000	92.320	7.7	98	0.00
14 M	Acrylonitrile	100.000	98.270	1.7	98	0.00
15 M	Acetone	100.000	91.504	8.5	91	0.00
16 M	Carbon Disulfide	20.000	18.542	7.3	90	0.00
17	Allyl chloride	20.000	17.637	11.8	89	0.00
18 M	Methylene Chloride	20.000	18.166	9.2	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.582	7.1	91	0.00
20 T	Diisopropyl ether	20.000	19.842	0.8	98	0.00
21 M	1,1-Dichloroethane	20.000	19.158	4.2	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.426	2.9	97	0.00
23 M	tert-Butyl Alcohol	100.000	97.273	2.7	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.962	5.2	94	0.00
25 M	Chloroform	20.000	18.517	7.4	90	0.00
26	Cyclohexane	20.000	20.188	-0.9	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.951	0.2	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.425	7.9	92	0.00
30 M	2-Butanone	100.000	101.868	-1.9	103	0.00
31	2,2-Dichloropropane	20.000	17.585	12.1	86	0.00
32 M	1,1,1-Trichloroethane	20.000	18.036	9.8	91	0.00
33 M	Carbon Tetrachloride	20.000	17.831	10.8	88	0.00
34 M	Benzene	20.000	18.783	6.1	99	0.00
35	Methacrylonitrile	20.000	19.197	4.0	96	0.00
36 M	1,2-Dichloroethane	20.000	18.819	5.9	98	0.00
37 M	Trichloroethene	20.000	19.384	3.1	92	0.00
38	Methylcyclohexane	20.000	18.196	9.0	100	0.00
39 M	1,2-Dichloropropane	20.000	18.985	5.1	98	0.00
40	Dibromomethane	20.000	19.020	4.9	97	0.00
41 M	Bromodichloromethane	20.000	18.469	7.7	96	0.00
42 M	Vinyl Acetate	100.000	96.700	3.3	101	0.00
43	Ethyl Acetate	20.000	19.591	2.0	104	-0.01
44	Isopropyl Acetate	20.000	19.192	4.0	104	0.00
45 T	1,4-Dioxane	400.000	405.582	-1.4	107	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.438	2.8	111	0.00
47	n-amyl Acetate	20.000	19.942	0.3	113	0.00
48 M	t-1,3-Dichloropropene	20.000	18.623	6.9	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.242	8.8	92	0.00
50 M	1,1,2-Trichloroethane	20.000	20.291	-1.5	105	0.00
51	Ethyl methacrylate	20.000	19.687	1.6	102	0.00
52	1,3-Dichloropropane	20.000	19.841	0.8	105	0.00
53 M	Dibromochloromethane	20.000	19.228	3.9	109	0.00
54 M	1,2-Dibromoethane	20.000	19.029	4.9	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.630	6.4	94	0.00
56 M	Bromoform	20.000	19.076	4.6	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.820	3.2	95	0.00
59 M	2-Hexanone	100.000	104.589	-4.6	115	0.00
60 S	4-Bromofluorobenzene	30.000	30.240	-0.8	109	0.00
61 M	Tetrachloroethene	20.000	18.682	6.6	98	0.00
62 M	Toluene	20.000	18.418	7.9	91	0.00
63 S	Toluene-d8	30.000	29.207	2.6	98	0.00
64 M	Chlorobenzene	20.000	19.273	3.6	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.256	3.7	106	0.00
66 M	Ethyl Benzene	20.000	18.971	5.1	105	0.00
67 M	m/p-Xylenes	40.000	39.718	0.7	109	0.00
68 M	o-Xylene	20.000	19.234	3.8	107	0.00
69 M	Styrene	20.000	19.502	2.5	109	0.00
70	Isopropylbenzene	20.000	18.224	8.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.404	-2.0	108	0.00
72	1,2,3-Trichloropropane	20.000	20.647	-3.2	107	0.00
73	Bromobenzene	20.000	18.905	5.5	98	0.00
74	n-propylbenzene	20.000	18.944	5.3	104	0.00
75	2-Chlorotoluene	20.000	18.773	6.1	104	0.00
76	1,3,5-Trimethylbenzene	20.000	19.353	3.2	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.899	5.5	95	0.00
78	4-Chlorotoluene	20.000	19.290	3.6	107	0.00
79	tert-butylbenzene	20.000	18.888	5.6	108	0.00
80	1,2,4-Trimethylbenzene	20.000	18.936	5.3	110	0.00
81	sec-Butylbenzene	20.000	18.537	7.3	107	0.00
82	p-Isopropyltoluene	20.000	19.089	4.6	106	0.00
83 M	1,3-Dichlorobenzene	20.000	18.937	5.3	107	0.00
84 M	1,4-Dichlorobenzene	20.000	19.096	4.5	106	0.00
85	n-Butylbenzene	20.000	17.871	10.6	99	0.00
86 T	Hexachloroethane	20.000	16.978	15.1	97	0.00
87 M	1,2-Dichlorobenzene	20.000	18.098	9.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.688	6.6	106	0.00
89	1,2,4-Trichlorobenzene	20.000	18.031	9.8	90	0.00
90	Hexachlorobutadiene	20.000	17.897	10.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.223	8.9	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.172	4.1	94	0.00

(#) = Out of Range

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