

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX042822\
 Data File : VX028410.D
 Acq On : 28 Apr 2022 19:53
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042822

Quant Time: Apr 29 06:24:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	96	0.00
2 M	Dichlorodifluoromethane	20.000	19.770	1.2	94	0.00
3 M	Chloromethane	20.000	20.543	-2.7	98	0.00
4 M	Vinyl Chloride	20.000	20.382	-1.9	98	0.00
5 M	Bromomethane	20.000	21.285	-6.4	105	0.00
6 M	Chloroethane	20.000	19.755	1.2	97	0.00
7 M	Trichlorofluoromethane	20.000	19.971	0.1	98	0.00
8 T	Diethyl Ether	20.000	20.027	-0.1	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.055	4.7	97	0.00
10 M	1,1-Dichloroethene	20.000	19.118	4.4	97	0.00
11	Methyl Iodide	20.000	16.640	16.8	89	0.00
12	Methyl Acetate	20.000	20.392	-2.0	99	0.00
13 M	Acrolein	100.000	103.693	-3.7	105	0.00
14 M	Acrylonitrile	100.000	101.797	-1.8	97	0.00
15 M	Acetone	100.000	102.226	-2.2	98	0.00
16 M	Carbon Disulfide	20.000	20.003	-0.0	106	0.00
17	Allyl chloride	20.000	19.173	4.1	96	0.00
18 M	Methylene Chloride	20.000	19.388	3.1	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.701	1.5	98	0.00
20 T	Diisopropyl ether	20.000	19.448	2.8	95	0.00
21 M	1,1-Dichloroethane	20.000	19.718	1.4	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.267	3.7	95	0.00
23 M	tert-Butyl Alcohol	100.000	102.729	-2.7	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.422	2.9	96	0.00
25 M	Chloroform	20.000	19.643	1.8	97	0.00
26	Cyclohexane	20.000	19.764	1.2	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.222	-4.1	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.622	1.9	96	0.00
30 M	2-Butanone	100.000	103.301	-3.3	98	0.00
31	2,2-Dichloropropane	20.000	18.400	8.0	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.634	1.8	99	0.00
33 M	Carbon Tetrachloride	20.000	18.950	5.3	95	0.00
34 M	Benzene	20.000	19.532	2.3	96	0.00
35	Methacrylonitrile	20.000	19.586	2.1	93	0.00
36 M	1,2-Dichloroethane	20.000	19.749	1.3	97	0.00
37 M	Trichloroethene	20.000	19.244	3.8	97	0.00
38	Methylcyclohexane	20.000	19.325	3.4	95	0.00
39 M	1,2-Dichloropropane	20.000	19.501	2.5	96	0.00
40	Dibromomethane	20.000	19.488	2.6	95	0.00
41 M	Bromodichloromethane	20.000	19.144	4.3	99	0.00
42 M	Vinyl Acetate	100.000	100.594	-0.6	98	0.00
43	Ethyl Acetate	20.000	20.552	-2.8	99	0.00
44	Isopropyl Acetate	20.000	19.587	2.1	98	0.00
45 T	1,4-Dioxane	400.000	424.904	-6.2	101	0.00
46	Methyl methacrylate	20.000	19.552	2.2	97	0.00
47	n-amyl Acetate	20.000	19.166	4.2	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.595	7.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.732	6.3	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.109	-0.5	100	0.00
51	Ethyl methacrylate	20.000	19.177	4.1	97	0.00
52	1,3-Dichloropropane	20.000	19.671	1.6	97	0.00
53 M	Dibromochloromethane	20.000	18.523	7.4	99	0.00
54 M	1,2-Dibromoethane	20.000	19.399	3.0	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.118	0.9	100	0.00
56 M	Bromoform	20.000	17.357	13.2	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.720	-2.7	98	0.00
59 M	2-Hexanone	100.000	103.600	-3.6	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.797	0.7	98	0.00
61 M	Tetrachloroethene	20.000	19.122	4.4	95	0.00
62 M	Toluene	20.000	19.711	1.4	97	0.00
63 S	Toluene-d8	30.000	30.440	-1.5	98	0.00
64 M	Chlorobenzene	20.000	19.652	1.7	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.184	4.1	98	0.00
66 M	Ethyl Benzene	20.000	19.564	2.2	97	0.00
67 M	m/p-Xylenes	40.000	39.231	1.9	97	0.00
68 M	o-Xylene	20.000	19.551	2.2	97	0.00
69 M	Styrene	20.000	19.271	3.6	96	0.00
70	Isopropylbenzene	20.000	19.508	2.5	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.994	0.0	98	0.00
72	1,2,3-Trichloropropane	20.000	19.889	0.6	97	0.00
73	Bromobenzene	20.000	18.988	5.1	97	0.00
74	n-propylbenzene	20.000	19.627	1.9	98	0.00
75	2-Chlorotoluene	20.000	19.533	2.3	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.489	2.6	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.245	13.8	99	0.00
78	4-Chlorotoluene	20.000	19.472	2.6	98	0.00
79	tert-butylbenzene	20.000	19.511	2.4	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.632	1.8	98	0.00
81	sec-Butylbenzene	20.000	19.398	3.0	98	0.00
82	p-Isopropyltoluene	20.000	19.166	4.2	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.352	3.2	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.122	4.4	98	0.00
85	n-Butylbenzene	20.000	18.609	7.0	96	0.00
86 T	Hexachloroethane	20.000	18.062	9.7	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.377	3.1	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.321	3.4	100	0.00
89	1,2,4-Trichlorobenzene	20.000	18.365	8.2	97	0.00
90	Hexachlorobutadiene	20.000	18.457	7.7	98	0.00
91 M	Naphthalene	20.000	19.192	4.0	98	0.00
92	1,2,3-Trichlorobenzene	20.000	18.531	7.3	98	0.00

(#) = Out of Range

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