

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028412.D
 Acq On : 29 Apr 2022 10:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 08:16:10 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.760	11.2	86	0.00
3 M	Chloromethane	20.000	18.862	5.7	92	0.00
4 M	Vinyl Chloride	20.000	19.130	4.4	94	0.00
5 M	Bromomethane	20.000	18.970	5.2	96	0.00
6 M	Chloroethane	20.000	18.362	8.2	91	0.00
7 M	Trichlorofluoromethane	20.000	18.865	5.7	94	0.00
8 T	Diethyl Ether	20.000	18.555	7.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.462	7.7	96	0.00
10 M	1,1-Dichloroethene	20.000	17.951	10.2	93	0.00
11	Methyl Iodide	20.000	14.910	25.4#	81	0.00
12	Methyl Acetate	20.000	17.670	11.6	87	0.00
13 M	Acrolein	100.000	94.960	5.0	98	0.00
14 M	Acrylonitrile	100.000	87.511	12.5	85	0.00
15 M	Acetone	100.000	97.562	2.4	96	0.00
16 M	Carbon Disulfide	20.000	19.105	4.5	103	0.00
17	Allyl chloride	20.000	18.368	8.2	94	0.00
18 M	Methylene Chloride	20.000	17.596	12.0	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.319	8.4	93	0.00
20 T	Diisopropyl ether	20.000	18.446	7.8	92	0.00
21 M	1,1-Dichloroethane	20.000	18.547	7.3	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.147	9.3	91	0.00
23 M	tert-Butyl Alcohol	100.000	81.374	18.6	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.094	9.5	91	0.00
25 M	Chloroform	20.000	18.458	7.7	93	0.00
26	Cyclohexane	20.000	19.171	4.1	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.795	-6.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.667	6.7	94	0.00
30 M	2-Butanone	100.000	90.841	9.2	89	0.00
31	2,2-Dichloropropane	20.000	18.225	8.9	95	0.00
32 M	1,1,1-Trichloroethane	20.000	18.080	9.6	93	0.00
33 M	Carbon Tetrachloride	20.000	18.438	7.8	95	0.00
34 M	Benzene	20.000	18.479	7.6	94	0.00
35	Methacrylonitrile	20.000	17.240	13.8	84	0.00
36 M	1,2-Dichloroethane	20.000	18.530	7.3	93	0.00
37 M	Trichloroethene	20.000	18.153	9.2	94	0.00
38	Methylcyclohexane	20.000	18.712	6.4	94	0.00
39 M	1,2-Dichloropropane	20.000	18.109	9.5	92	0.00
40	Dibromomethane	20.000	18.092	9.5	91	0.00
41 M	Bromodichloromethane	20.000	18.379	8.1	97	0.00
42 M	Vinyl Acetate	100.000	92.953	7.0	93	0.00
43	Ethyl Acetate	20.000	17.940	10.3	89	0.00
44	Isopropyl Acetate	20.000	17.849	10.8	91	0.00
45 T	1,4-Dioxane	400.000	352.316	11.9	86	0.00
46	Methyl methacrylate	20.000	18.109	9.5	93	0.00
47	n-amyl Acetate	20.000	17.442	12.8	91	0.00
48 M	t-1,3-Dichloropropene	20.000	17.704	11.5	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.009	10.0	94	0.00
50 M	1,1,2-Trichloroethane	20.000	17.753	11.2	91	0.00
51	Ethyl methacrylate	20.000	17.438	12.8	90	0.00
52	1,3-Dichloropropane	20.000	17.977	10.1	91	0.00
53 M	Dibromochloromethane	20.000	18.063	9.7	99	0.00
54 M	1,2-Dibromoethane	20.000	17.958	10.2	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.991	8.0	95	0.00
56 M	Bromoform	20.000	17.064	14.7	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.490	11.5	88	0.00
59 M	2-Hexanone	100.000	88.459	11.5	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.026	-0.1	103	0.00
61 M	Tetrachloroethene	20.000	17.876	10.6	93	0.00
62 M	Toluene	20.000	18.404	8.0	94	0.00
63 S	Toluene-d8	30.000	29.989	0.0	100	0.00
64 M	Chlorobenzene	20.000	18.027	9.9	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.913	10.4	95	0.00
66 M	Ethyl Benzene	20.000	18.314	8.4	94	0.00
67 M	m/p-Xylenes	40.000	36.090	9.8	93	0.00
68 M	o-Xylene	20.000	17.786	11.1	92	0.00
69 M	Styrene	20.000	17.680	11.6	92	0.00
70	Isopropylbenzene	20.000	18.310	8.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.818	10.9	91	0.00
72	1,2,3-Trichloropropane	20.000	18.179	9.1	92	0.00
73	Bromobenzene	20.000	17.361	13.2	92	0.00
74	n-propylbenzene	20.000	18.307	8.5	95	0.00
75	2-Chlorotoluene	20.000	18.137	9.3	94	0.00
76	1,3,5-Trimethylbenzene	20.000	18.277	8.6	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.165	19.2	96	0.00
78	4-Chlorotoluene	20.000	18.140	9.3	95	0.00
79	tert-butylbenzene	20.000	17.962	10.2	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.280	8.6	95	0.00
81	sec-Butylbenzene	20.000	18.279	8.6	96	0.00
82	p-Isopropyltoluene	20.000	18.385	8.1	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.107	9.5	96	0.00
84 M	1,4-Dichlorobenzene	20.000	17.871	10.6	95	0.00
85	n-Butylbenzene	20.000	18.059	9.7	97	0.00
86 T	Hexachloroethane	20.000	17.885	10.6	103	0.00
87 M	1,2-Dichlorobenzene	20.000	18.048	9.8	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.847	15.8	91	0.00
89	1,2,4-Trichlorobenzene	20.000	17.417	12.9	95	0.00
90	Hexachlorobutadiene	20.000	17.703	11.5	97	0.00
91 M	Naphthalene	20.000	16.829	15.9	89	0.00
92	1,2,3-Trichlorobenzene	20.000	16.990	15.1	93	0.00

(#) = Out of Range

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