

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027288.D
 Acq On : 03 Mar 2022 22:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 04 02:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	17.848	10.8	89	0.00
3 M	Chloromethane	20.000	17.891	10.5	90	0.00
4 M	Vinyl Chloride	20.000	17.760	11.2	90	0.00
5 M	Bromomethane	20.000	13.931	30.3#	66	0.00
6 M	Chloroethane	20.000	18.205	9.0	94	0.00
7 M	Trichlorofluoromethane	20.000	17.809	11.0	91	0.00
8 T	Diethyl Ether	20.000	17.645	11.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.456	12.7	89	0.00
10 M	1,1-Dichloroethene	20.000	17.609	12.0	91	0.00
11	Methyl Iodide	20.000	10.052	49.7#	60	0.00
12	Methyl Acetate	20.000	17.642	11.8	91	0.00
13 M	Acrolein	100.000	83.467	16.5	90	0.00
14 M	Acrylonitrile	100.000	89.894	10.1	92	0.00
15 M	Acetone	100.000	82.695	17.3	81	0.00
16 M	Carbon Disulfide	20.000	18.005	10.0	94	0.00
17	Allyl chloride	20.000	17.083	14.6	88	0.00
18 M	Methylene Chloride	20.000	17.869	10.7	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.098	9.5	94	0.00
20 T	Diisopropyl ether	20.000	18.481	7.6	94	0.00
21 M	1,1-Dichloroethane	20.000	18.256	8.7	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.186	9.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	76.844	23.2	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.926	10.4	92	0.00
25 M	Chloroform	20.000	17.992	10.0	92	0.00
26	Cyclohexane	20.000	18.142	9.3	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.019	-0.1	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	18.247	8.8	94	0.00
30 M	2-Butanone	100.000	88.355	11.6	88	0.00
31	2,2-Dichloropropane	20.000	14.823	25.9#	78	0.00
32 M	1,1,1-Trichloroethane	20.000	18.123	9.4	94	0.00
33 M	Carbon Tetrachloride	20.000	17.264	13.7	90	0.00
34 M	Benzene	20.000	18.438	7.8	93	0.00
35	Methacrylonitrile	20.000	17.508	12.5	88	0.00
36 M	1,2-Dichloroethane	20.000	18.333	8.3	93	0.00
37 M	Trichloroethene	20.000	18.023	9.9	94	0.00
38	Methylcyclohexane	20.000	17.471	12.6	91	0.00
39 M	1,2-Dichloropropane	20.000	18.251	8.7	94	0.00
40	Dibromomethane	20.000	18.571	7.1	96	0.00
41 M	Bromodichloromethane	20.000	17.601	12.0	91	0.00
42 M	Vinyl Acetate	100.000	89.595	10.4	91	0.00
43	Ethyl Acetate	20.000	18.084	9.6	94	0.00
44	Isopropyl Acetate	20.000	17.522	12.4	91	0.00
45 T	1,4-Dioxane	400.000	314.500	21.4	80	0.00
46	Methyl methacrylate	20.000	18.003	10.0	92	0.00
47	n-amyl Acetate	20.000	17.265	13.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	15.919	20.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.689	16.6	87	0.00
50 M	1,1,2-Trichloroethane	20.000	17.959	10.2	93	0.00
51	Ethyl methacrylate	20.000	17.440	12.8	93	0.00
52	1,3-Dichloropropane	20.000	18.049	9.8	94	0.00
53 M	Dibromochloromethane	20.000	17.946	10.3	96	0.00
54 M	1,2-Dibromoethane	20.000	17.627	11.9	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.238	19.8	83	0.00
56 M	Bromoform	20.000	16.220	18.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.316	7.7	93	0.00
59 M	2-Hexanone	100.000	88.240	11.8	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.022	3.3	103	0.00
61 M	Tetrachloroethene	20.000	18.824	5.9	95	0.00
62 M	Toluene	20.000	18.041	9.8	93	0.00
63 S	Toluene-d8	30.000	30.259	-0.9	98	0.00
64 M	Chlorobenzene	20.000	18.010	9.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.036	14.8	91	0.00
66 M	Ethyl Benzene	20.000	18.043	9.8	93	0.00
67 M	m/p-Xylenes	40.000	36.029	9.9	93	0.00
68 M	o-Xylene	20.000	18.200	9.0	94	0.00
69 M	Styrene	20.000	18.068	9.7	93	0.00
70	Isopropylbenzene	20.000	18.154	9.2	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.755	6.2	97	0.00
72	1,2,3-Trichloropropane	20.000	17.436	12.8	90	0.00
73	Bromobenzene	20.000	18.144	9.3	94	0.00
74	n-propylbenzene	20.000	17.563	12.2	92	0.00
75	2-Chlorotoluene	20.000	18.275	8.6	95	0.00
76	1,3,5-Trimethylbenzene	20.000	18.074	9.6	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.163	39.2#	70	0.00
78	4-Chlorotoluene	20.000	17.447	12.8	91	0.00
79	tert-butylbenzene	20.000	19.324	3.4	100	0.00
80	1,2,4-Trimethylbenzene	20.000	18.750	6.3	97	0.00
81	sec-Butylbenzene	20.000	17.556	12.2	93	0.00
82	p-Isopropyltoluene	20.000	17.303	13.5	89	0.00
83 M	1,3-Dichlorobenzene	20.000	17.575	12.1	93	0.00
84 M	1,4-Dichlorobenzene	20.000	17.410	13.0	93	0.00
85	n-Butylbenzene	20.000	16.900	15.5	91	0.00
86 T	Hexachloroethane	20.000	13.912	30.4#	77	0.00
87 M	1,2-Dichlorobenzene	20.000	18.046	9.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.363	23.2	84	0.00
89	1,2,4-Trichlorobenzene	20.000	17.236	13.8	94	0.00
90	Hexachlorobutadiene	20.000	16.678	16.6	90	0.00
91 M	Naphthalene	20.000	17.941	10.3	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.385	13.1	94	0.00

(#) = Out of Range

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