

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX021822\
 Data File : VX027101.D
 Acq On : 18 Feb 2022 11:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 21 00:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 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	113	0.00
2 M	Dichlorodifluoromethane	20.000	20.541	-2.7	109	0.00
3 M	Chloromethane	20.000	18.763	6.2	100	0.00
4 M	Vinyl Chloride	20.000	19.462	2.7	108	0.00
5 M	Bromomethane	20.000	26.304	-31.5#	117	0.00
6 M	Chloroethane	20.000	19.924	0.4	106	0.00
7 M	Trichlorofluoromethane	20.000	20.533	-2.7	113	0.00
8 T	Diethyl Ether	20.000	19.385	3.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.540	-2.7	113	0.00
10 M	1,1-Dichloroethene	20.000	19.941	0.3	109	0.00
11	Methyl Iodide	20.000	17.127	14.4	99	0.00
12	Methyl Acetate	20.000	19.468	2.7	106	0.00
13 M	Acrolein	100.000	89.341	10.7	118	0.00
14 M	Acrylonitrile	100.000	97.025	3.0	104	0.00
15 M	Acetone	100.000	125.985	-26.0#	133	0.00
16 M	Carbon Disulfide	20.000	20.364	-1.8	114	0.00
17	Allyl chloride	20.000	19.430	2.9	109	0.00
18 M	Methylene Chloride	20.000	19.206	4.0	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.022	-0.1	111	0.00
20 T	Diisopropyl ether	20.000	20.014	-0.1	108	0.00
21 M	1,1-Dichloroethane	20.000	19.486	2.6	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.980	0.1	110	0.00
23 M	tert-Butyl Alcohol	100.000	89.591	10.4	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.479	2.6	108	0.00
25 M	Chloroform	20.000	19.890	0.5	109	0.00
26	Cyclohexane	20.000	20.310	-1.5	111	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.286	2.4	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	20.259	-1.3	109	0.00
30 M	2-Butanone	100.000	107.342	-7.3	113	0.00
31	2,2-Dichloropropane	20.000	22.681	-13.4	128	0.00
32 M	1,1,1-Trichloroethane	20.000	20.295	-1.5	111	0.00
33 M	Carbon Tetrachloride	20.000	20.485	-2.4	113	0.00
34 M	Benzene	20.000	20.242	-1.2	109	0.00
35	Methacrylonitrile	20.000	19.698	1.5	106	0.00
36 M	1,2-Dichloroethane	20.000	20.228	-1.1	108	0.00
37 M	Trichloroethene	20.000	20.481	-2.4	111	0.00
38	Methylcyclohexane	20.000	21.536	-7.7	116	0.00
39 M	1,2-Dichloropropane	20.000	20.049	-0.2	108	0.00
40	Dibromomethane	20.000	19.554	2.2	106	0.00
41 M	Bromodichloromethane	20.000	20.006	-0.0	109	0.00
42 M	Vinyl Acetate	100.000	100.567	-0.6	107	0.00
43	Ethyl Acetate	20.000	19.332	3.3	101	0.00
44	Isopropyl Acetate	20.000	19.690	1.5	106	0.00
45 T	1,4-Dioxane	400.000	361.661	9.6	94	0.00
46	Methyl methacrylate	20.000	19.806	1.0	106	0.00
47	n-amyl Acetate	20.000	19.104	4.5	104	0.00
48 M	t-1,3-Dichloropropene	20.000	20.215	-1.1	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.453	-2.3	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.347	-1.7	105	0.00
51	Ethyl methacrylate	20.000	19.855	0.7	106	0.00
52	1,3-Dichloropropane	20.000	19.804	1.0	105	0.00
53 M	Dibromochloromethane	20.000	20.243	-1.2	111	0.00
54 M	1,2-Dibromoethane	20.000	20.192	-1.0	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.778	5.2	115	0.00
56 M	Bromoform	20.000	20.002	-0.0	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.969	0.0	105	0.00
59 M	2-Hexanone	100.000	102.813	-2.8	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.680	1.1	110	0.00
61 M	Tetrachloroethene	20.000	20.039	-0.2	105	0.00
62 M	Toluene	20.000	20.253	-1.3	108	0.00
63 S	Toluene-d8	30.000	29.892	0.4	110	0.00
64 M	Chlorobenzene	20.000	20.525	-2.6	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.271	-1.4	113	0.00
66 M	Ethyl Benzene	20.000	20.377	-1.9	109	0.00
67 M	m/p-Xylenes	40.000	41.284	-3.2	110	0.00
68 M	o-Xylene	20.000	20.868	-4.3	111	0.00
69 M	Styrene	20.000	20.389	-1.9	110	0.00
70	Isopropylbenzene	20.000	20.756	-3.8	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.337	-1.7	107	0.00
72	1,2,3-Trichloropropane	20.000	18.054	9.7	97	0.00
73	Bromobenzene	20.000	19.853	0.7	106	0.00
74	n-propylbenzene	20.000	20.765	-3.8	112	0.00
75	2-Chlorotoluene	20.000	20.192	-1.0	108	0.00
76	1,3,5-Trimethylbenzene	20.000	20.715	-3.6	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.783	1.1	116	0.00
78	4-Chlorotoluene	20.000	20.559	-2.8	110	0.00
79	tert-butylbenzene	20.000	20.362	-1.8	112	0.00
80	1,2,4-Trimethylbenzene	20.000	20.577	-2.9	110	0.00
81	sec-Butylbenzene	20.000	20.898	-4.5	112	0.00
82	p-Isopropyltoluene	20.000	20.793	-4.0	112	0.00
83 M	1,3-Dichlorobenzene	20.000	20.472	-2.4	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.537	-2.7	111	0.00
85	n-Butylbenzene	20.000	21.160	-5.8	117	0.00
86 T	Hexachloroethane	20.000	19.731	1.3	114	0.00
87 M	1,2-Dichlorobenzene	20.000	20.873	-4.4	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.370	3.1	108	0.00
89	1,2,4-Trichlorobenzene	20.000	20.962	-4.8	117	0.00
90	Hexachlorobutadiene	20.000	21.595	-8.0	121	0.00
91 M	Naphthalene	20.000	20.608	-3.0	113	0.00
92	1,2,3-Trichlorobenzene	20.000	20.995	-5.0	117	0.00

(#) = Out of Range

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