

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028439.D
 Acq On : 29 Apr 2022 21:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 08:16:54 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	84	0.00
2 M	Dichlorodifluoromethane	20.000	19.481	2.6	80	0.00
3 M	Chloromethane	20.000	21.716	-8.6	90	0.00
4 M	Vinyl Chloride	20.000	21.030	-5.2	88	0.00
5 M	Bromomethane	20.000	23.075	-15.4	99	0.00
6 M	Chloroethane	20.000	20.277	-1.4	86	0.00
7 M	Trichlorofluoromethane	20.000	20.013	-0.1	85	0.00
8 T	Diethyl Ether	20.000	21.488	-7.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.088	4.6	85	0.00
10 M	1,1-Dichloroethene	20.000	19.536	2.3	86	0.00
11	Methyl Iodide	20.000	18.870	5.6	88	0.00
12	Methyl Acetate	20.000	21.925	-9.6	92	0.00
13 M	Acrolein	100.000	92.971	7.0	82	0.00
14 M	Acrylonitrile	100.000	108.497	-8.5	90	0.00
15 M	Acetone	100.000	106.617	-6.6	89	0.00
16 M	Carbon Disulfide	20.000	20.508	-2.5	94	0.00
17	Allyl chloride	20.000	20.298	-1.5	89	0.00
18 M	Methylene Chloride	20.000	22.926	-14.6	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.778	-3.9	90	0.00
20 T	Diisopropyl ether	20.000	21.391	-7.0	91	0.00
21 M	1,1-Dichloroethane	20.000	21.289	-6.4	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.818	-4.1	89	0.00
23 M	tert-Butyl Alcohol	100.000	95.442	4.6	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.127	-5.6	90	0.00
25 M	Chloroform	20.000	21.384	-6.9	92	0.00
26	Cyclohexane	20.000	19.592	2.0	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.834	-2.8	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	20.749	-3.7	86	0.00
30 M	2-Butanone	100.000	109.295	-9.3	88	0.00
31	2,2-Dichloropropane	20.000	18.451	7.7	79	0.00
32 M	1,1,1-Trichloroethane	20.000	21.082	-5.4	90	0.00
33 M	Carbon Tetrachloride	20.000	20.117	-0.6	86	0.00
34 M	Benzene	20.000	21.263	-6.3	89	0.00
35	Methacrylonitrile	20.000	22.404	-12.0	90	0.00
36 M	1,2-Dichloroethane	20.000	21.629	-8.1	90	0.00
37 M	Trichloroethene	20.000	20.461	-2.3	87	0.00
38	Methylcyclohexane	20.000	19.042	4.8	80	0.00
39 M	1,2-Dichloropropane	20.000	21.129	-5.6	88	0.00
40	Dibromomethane	20.000	22.047	-10.2	91	0.00
41 M	Bromodichloromethane	20.000	21.627	-8.1	95	0.00
42 M	Vinyl Acetate	100.000	110.787	-10.8	91	0.00
43	Ethyl Acetate	20.000	21.811	-9.1	89	0.00
44	Isopropyl Acetate	20.000	20.944	-4.7	89	0.00
45 T	1,4-Dioxane	400.000	422.427	-5.6	86	0.00
46	Methyl methacrylate	20.000	21.574	-7.9	91	0.00
47	n-amyl Acetate	20.000	21.442	-7.2	93	0.00
48 M	t-1,3-Dichloropropene	20.000	20.427	-2.1	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.886	-4.4	90	0.00
50 M	1,1,2-Trichloroethane	20.000	21.941	-9.7	93	0.00
51	Ethyl methacrylate	20.000	21.673	-8.4	93	0.00
52	1,3-Dichloropropane	20.000	21.966	-9.8	92	0.00
53 M	Dibromochloromethane	20.000	20.846	-4.2	94	0.00
54 M	1,2-Dibromoethane	20.000	21.528	-7.6	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.480	-14.5	98	0.00
56 M	Bromoform	20.000	19.765	1.2	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.901	-11.9	91	0.00
59 M	2-Hexanone	100.000	111.634	-11.6	91	0.00
60 S	4-Bromofluorobenzene	30.000	29.323	2.3	83	0.00
61 M	Tetrachloroethene	20.000	17.071	14.6	73	0.00
62 M	Toluene	20.000	21.374	-6.9	90	0.00
63 S	Toluene-d8	30.000	30.783	-2.6	85	0.00
64 M	Chlorobenzene	20.000	21.126	-5.6	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.873	-4.4	91	0.00
66 M	Ethyl Benzene	20.000	20.886	-4.4	88	0.00
67 M	m/p-Xylenes	40.000	41.415	-3.5	88	0.00
68 M	o-Xylene	20.000	20.917	-4.6	89	0.00
69 M	Styrene	20.000	20.863	-4.3	90	0.00
70	Isopropylbenzene	20.000	20.337	-1.7	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.785	-13.9	96	0.00
72	1,2,3-Trichloropropane	20.000	21.721	-8.6	91	0.00
73	Bromobenzene	20.000	20.581	-2.9	90	0.00
74	n-propylbenzene	20.000	20.139	-0.7	86	0.00
75	2-Chlorotoluene	20.000	20.571	-2.9	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.492	-2.5	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.051	9.7	89	0.00
78	4-Chlorotoluene	20.000	20.650	-3.2	89	0.00
79	tert-butylbenzene	20.000	20.596	-3.0	90	0.00
80	1,2,4-Trimethylbenzene	20.000	20.751	-3.8	89	0.00
81	sec-Butylbenzene	20.000	19.772	1.1	85	0.00
82	p-Isopropyltoluene	20.000	19.430	2.9	85	0.00
83 M	1,3-Dichlorobenzene	20.000	20.296	-1.5	88	0.00
84 M	1,4-Dichlorobenzene	20.000	20.179	-0.9	89	0.00
85	n-Butylbenzene	20.000	18.872	5.6	84	0.00
86 T	Hexachloroethane	20.000	19.329	3.4	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.486	-2.4	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.078	-0.4	89	0.00
89	1,2,4-Trichlorobenzene	20.000	19.324	3.4	87	0.00
90	Hexachlorobutadiene	20.000	19.310	3.5	88	0.00
91 M	Naphthalene	20.000	20.336	-1.7	89	0.00
92	1,2,3-Trichlorobenzene	20.000	20.065	-0.3	91	0.00

(#) = Out of Range

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