

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038361.D
 Acq On : 15 Feb 2022 10:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 16 00:42:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	80	-0.05
2 T	Dichlorodifluoromethane	10.000	8.925	10.7	69	-0.04
3	Chlorodifluoromethane	10.000	11.843	-18.4	98	-0.03
4	Chloromethane	10.000	11.081	-10.8	92	-0.03
5 T	Vinyl Chloride	10.000	11.052	-10.5	92	-0.04
6 T	Bromomethane	10.000	7.644	23.6	61	-0.03
7	Chloroethane	10.000	11.358	-13.6	91	-0.04
8 T	Dichlorotetrafluoroethane	10.000	11.286	-12.9	94	-0.04
9 T	Propene	10.000	11.172	-11.7	89	-0.03
10 T	Heptane	10.000	11.032	-10.3	89	-0.05
11 T	Trichlorofluoromethane	10.000	11.829	-18.3	95	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.579	-15.8	95	-0.04
13	Ethanol	10.000	13.187	-31.9#	103	-0.04
14 T	Bromoethene	10.000	11.532	-15.3	94	-0.04
15 T	Acetone	10.000	13.814	-38.1#	125	-0.04
16 T	1,3-Butadiene	10.000	12.513	-25.1	102	-0.04
17	tert-Butyl alcohol	10.000	10.843	-8.4	87	-0.04
18 T	1,1-Dichloroethene	10.000	11.564	-15.6	93	-0.04
19 T	Isopropyl Alcohol	10.000	10.713	-7.1	92	-0.04
20 T	Methylene Chloride	10.000	10.027	-0.3	91	-0.04
21 T	Allyl Chloride	10.000	10.336	-3.4	80	-0.04
22 T	trans-1,2-Dichloroethene	10.000	11.622	-16.2	94	-0.04
23 T	Vinyl Acetate	10.000	11.900	-19.0	95	-0.04
24 T	1,1-Dichloroethane	10.000	11.546	-15.5	95	-0.04
25 T	Ethyl Acetate	10.000	8.454	15.5	71	-0.05
26 T	Hexane	10.000	8.883	11.2	75	-0.04
27 T	Carbon Disulfide	10.000	11.225	-12.2	84	-0.04
28 T	Methyl tert-Butyl Ether	10.000	10.973	-9.7	88	-0.04
29 T	Chloroform	10.000	9.956	0.4	83	-0.05
30 T	Cyclohexane	10.000	11.398	-14.0	91	-0.05
31 T	cis-1,2-Dichloroethene	10.000	10.004	-0.0	94	-0.04
32 T	1,1,1-Trichloroethane	10.000	11.196	-12.0	91	-0.05
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	95	-0.05
34 T	2-Butanone	10.000	8.999	10.0	96	-0.04
35 T	Carbon Tetrachloride	10.000	8.850	11.5	88	-0.05
36 T	Benzene	10.000	9.049	9.5	90	-0.05
37 T	1,2-Dichloroethane	10.000	9.045	9.6	88	-0.05
38 T	Trichloroethene	10.000	8.465	15.4	88	-0.05
39 T	1,2-Dichloropropane	10.000	8.741	12.6	88	-0.05
40 T	1,4-Dioxane	10.000	8.042	19.6	88	-0.05
41 T	Tetrahydrofuran	10.000	8.070	19.3	81	-0.05
42 T	Bromodichloromethane	10.000	8.994	10.1	90	-0.05
43	Methyl Methacrylate	10.000	9.717	2.8	91	-0.05
44 T	2,2,4-Trimethylpentane	10.000	8.861	11.4	92	-0.05
45 T	t-1,3-Dichloropropene	10.000	3.873	61.3#	32	-0.06
46 T	cis-1,3-Dichloropropene	10.000	5.271	47.3#	48	-0.05
47 T	1,1,2-Trichloroethane	10.000	9.007	9.9	91	-0.05
48 T	Dibromochloromethane	10.000	9.071	9.3	88	-0.06

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	9.452	5.5	90	-0.06
50 T	4-Methyl-2-Pentanone	10.000	10.058	-0.6	97	-0.05
51 T	2-Hexanone	10.000	11.141	-11.4	104	-0.05
52 T	Tetrachloroethene	10.000	8.079	19.2	86	-0.05
53 T	Toluene	10.000	8.946	10.5	88	-0.05
54 T	1,2-Dibromoethane	10.000	8.482	15.2	83	-0.06
55 I	Chlorobenzene-d5	10.000	10.000	0.0	94	-0.06
56	1,1,1,2-Tetrachloroethane	10.000	9.235	7.7	95	-0.06
57 T	Chlorobenzene	10.000	8.501	15.0	88	-0.06
58 T	Ethyl Benzene	10.000	8.920	10.8	90	-0.05
59 T	m/p-Xylene	20.000	17.432	12.8	90	-0.05
60 T	o-Xylene	10.000	8.807	11.9	91	-0.06
61 T	Styrene	10.000	8.891	11.1	82	-0.05
62	Isopropylbenzene	10.000	9.164	8.4	95	-0.05
63 T	1,1,2,2-Tetrachloroethane	10.000	9.089	9.1	102	-0.06
64	n-propylbenzene	10.000	9.495	5.1	95	-0.06
65	tert-Butylbenzene	10.000	9.598	4.0	101	-0.05
66 T	Benzyl Chloride	10.000	3.535	64.6#	28	-0.06
67	sec-Butylbenzene	10.000	9.601	4.0	101	-0.05
68 S	1-Bromo-4-Fluorobenzene	10.000	11.122	-11.2	101	-0.05
69	p-Isopropyltoluene	10.000	9.727	2.7	100	-0.05
70	n-Butylbenzene	10.000	10.027	-0.3	103	-0.05
71	2-Chlorotoluene	10.000	9.245	7.6	95	-0.06
72 T	4-Ethyltoluene	10.000	9.443	5.6	94	-0.05
73 T	1,3,5-Trimethylbenzene	10.000	9.357	6.4	95	-0.05
74 T	1,2,4-Trimethylbenzene	10.000	9.142	8.6	96	-0.06
75 T	1,3-Dichlorobenzene	10.000	9.186	8.1	96	-0.06
76 T	1,4-Dichlorobenzene	10.000	8.861	11.4	92	-0.05
77 T	1,2-Dichlorobenzene	10.000	9.485	5.2	102	-0.06
78 T	Hexachloro-1,3-Butadiene	10.000	7.933	20.7	91	-0.05
79 T	Naphthalene	10.000	9.360	6.4	76	-0.07
80 T	Naphthalene,2-methyl-	10.000	11.081	-10.8	61	-0.04
81 T	1,2,4-Trichlorobenzene	10.000	9.048	9.5	81	-0.06

(#) = Out of Range

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