

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039115.D
 Acq On : 25 May 2022 12:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 26 07:58:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 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	85	-0.03
2 T	Dichlorodifluoromethane	10.000	6.444	35.6#	59	-0.01
3	Chlorodifluoromethane	10.000	10.045	-0.4	93	-0.02
4	Chloromethane	10.000	9.274	7.3	84	-0.02
5 T	Vinyl Chloride	10.000	10.594	-5.9	92	-0.02
6 T	Bromomethane	10.000	10.248	-2.5	87	-0.02
7	Chloroethane	10.000	10.826	-8.3	94	-0.02
8 T	Dichlorotetrafluoroethane	10.000	9.930	0.7	90	-0.02
9 T	Propene	10.000	9.790	2.1	94	-0.02
10 T	Heptane	10.000	9.874	1.3	87	-0.03
11 T	Trichlorofluoromethane	10.000	10.447	-4.5	95	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.863	-8.6	96	-0.02
13	Ethanol	10.000	13.724	-37.2#	147	-0.03
14 T	Bromoethene	10.000	10.998	-10.0	93	-0.02
15 T	Acetone	10.000	10.393	-3.9	95	-0.02
16 T	1,3-Butadiene	10.000	10.276	-2.8	91	-0.02
17	tert-Butyl alcohol	10.000	12.059	-20.6	107	-0.02
18 T	1,1-Dichloroethene	10.000	11.090	-10.9	99	-0.02
19 T	Isopropyl Alcohol	10.000	11.907	-19.1	103	-0.02
20 T	Methylene Chloride	10.000	10.782	-7.8	102	-0.02
21 T	Allyl Chloride	10.000	10.402	-4.0	89	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.639	-6.4	94	-0.02
23 T	Vinyl Acetate	10.000	9.362	6.4	79	-0.02
24 T	1,1-Dichloroethane	10.000	10.426	-4.3	93	-0.02
25 T	Ethyl Acetate	10.000	11.381	-13.8	99	-0.02
26 T	Hexane	10.000	10.455	-4.6	95	-0.02
27 T	Carbon Disulfide	10.000	11.238	-12.4	91	-0.02
28 T	Methyl tert-Butyl Ether	10.000	11.162	-11.6	96	-0.02
29 T	Chloroform	10.000	10.185	-1.9	89	-0.03
30 T	Cyclohexane	10.000	9.689	3.1	88	-0.03
31 T	cis-1,2-Dichloroethene	10.000	10.033	-0.3	87	-0.03
32 T	1,1,1-Trichloroethane	10.000	10.432	-4.3	91	-0.03
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	85	-0.03
34 T	2-Butanone	10.000	9.963	0.4	86	-0.03
35 T	Carbon Tetrachloride	10.000	10.768	-7.7	90	-0.03
36 T	Benzene	10.000	9.725	2.8	87	-0.03
37 T	1,2-Dichloroethane	10.000	10.197	-2.0	88	-0.03
38 T	Trichloroethene	10.000	8.540	14.6	78	-0.03
39 T	1,2-Dichloropropane	10.000	9.970	0.3	87	-0.03
40 T	1,4-Dioxane	10.000	9.944	0.6	87	-0.02
41 T	Tetrahydrofuran	10.000	9.866	1.3	86	-0.02
42 T	Bromodichloromethane	10.000	10.335	-3.4	88	-0.03
43	Methyl Methacrylate	10.000	10.383	-3.8	89	-0.03
44 T	2,2,4-Trimethylpentane	10.000	9.570	4.3	88	-0.03
45 T	t-1,3-Dichloropropene	10.000	8.729	12.7	62	-0.03
46 T	cis-1,3-Dichloropropene	10.000	9.195	8.0	73	-0.03
47 T	1,1,2-Trichloroethane	10.000	9.861	1.4	87	-0.03
48 T	Dibromochloromethane	10.000	10.498	-5.0	86	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	11.088	-10.9	88	-0.03
50 T	4-Methyl-2-Pentanone	10.000	9.658	3.4	83	-0.03
51 T	2-Hexanone	10.000	9.973	0.3	78	-0.03
52 T	Tetrachloroethene	10.000	9.662	3.4	90	-0.03
53 T	Toluene	10.000	9.925	0.7	87	-0.03
54 T	1,2-Dibromoethane	10.000	10.640	-6.4	89	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	84	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	10.719	-7.2	94	-0.03
57 T	Chlorobenzene	10.000	9.873	1.3	88	-0.03
58 T	Ethyl Benzene	10.000	9.733	2.7	87	-0.03
59 T	m/p-Xylene	20.000	19.523	2.4	88	-0.03
60 T	o-Xylene	10.000	9.885	1.2	89	-0.03
61 T	Styrene	10.000	9.941	0.6	82	-0.03
62	Isopropylbenzene	10.000	10.071	-0.7	92	-0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	11.534	-15.3	106	-0.03
64	n-propylbenzene	10.000	10.547	-5.5	92	-0.03
65	tert-Butylbenzene	10.000	10.142	-1.4	94	-0.03
66 T	Benzyl Chloride	10.000	5.321	46.8#	34	-0.03
67	sec-Butylbenzene	10.000	10.159	-1.6	94	-0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.981	0.2	84	-0.03
69	p-Isopropyltoluene	10.000	10.353	-3.5	94	-0.03
70	n-Butylbenzene	10.000	10.384	-3.8	92	-0.03
71	2-Chlorotoluene	10.000	10.008	-0.1	90	-0.03
72 T	4-Ethyltoluene	10.000	9.943	0.6	87	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	10.046	-0.5	87	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	10.065	-0.6	90	-0.03
75 T	1,3-Dichlorobenzene	10.000	10.257	-2.6	90	-0.03
76 T	1,4-Dichlorobenzene	10.000	9.952	0.5	86	-0.02
77 T	1,2-Dichlorobenzene	10.000	10.058	-0.6	89	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	8.626	13.7	87	-0.02
79 T	Naphthalene	10.000	9.556	4.4	75	-0.03
80 T	Naphthalene,2-methyl-	10.000	8.048	19.5	59	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.072	9.3	79	-0.03

(#) = Out of Range

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