

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
 Data File : VL042201.D
 Acq On : 31 Mar 2025 08:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 01 01:49:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 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	86	0.02
2 T	Dichlorodifluoromethane	10.000	10.220	-2.2	93	0.00
3	Chlorodifluoromethane	10.000	9.604	4.0	86	0.00
4	Chloromethane	10.000	9.439	5.6	86	0.00
5 T	Vinyl Chloride	10.000	8.595	14.0	86	0.00
6 T	Bromomethane	10.000	9.232	7.7	85	0.00
7	Chloroethane	10.000	9.112	8.9	84	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.026	-0.3	90	0.00
9 T	Propene	10.000	8.521	14.8	77	0.00
10 T	Heptane	10.000	8.821	11.8	78	0.04
11 T	Trichlorofluoromethane	10.000	9.988	0.1	93	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.588	4.1	87	0.01
13	Ethanol	10.000	4.238	57.6#	84	0.00
14 T	Bromoethene	10.000	9.159	8.4	86	0.01
15 T	Acetone	10.000	8.580	14.2	93	0.00
16 T	1,3-Butadiene	10.000	8.709	12.9	90	0.00
17	tert-Butyl alcohol	10.000	8.974	10.3	83	0.01
18 T	1,1-Dichloroethene	10.000	9.296	7.0	88	0.01
19 T	Isopropyl Alcohol	10.000	9.039	9.6	88	0.00
20 T	Methylene Chloride	10.000	8.070	19.3	83	0.01
21 T	Allyl Chloride	10.000	9.079	9.2	86	0.02
22 T	trans-1,2-Dichloroethene	10.000	8.924	10.8	83	0.02
23 T	Vinyl Acetate	10.000	8.485	15.2	89	0.01
24 T	1,1-Dichloroethane	10.000	9.730	2.7	89	0.02
25 T	Ethyl Acetate	10.000	9.151	8.5	83	0.02
26 T	Hexane	10.000	9.236	7.6	84	0.02
27 T	Carbon Disulfide	10.000	9.481	5.2	86	0.01
28 T	Methyl tert-Butyl Ether	10.000	12.635	-26.3	115	0.02
29 T	Chloroform	10.000	10.200	-2.0	94	0.02
30 T	Cyclohexane	10.000	9.162	8.4	83	0.03
31 T	cis-1,2-Dichloroethene	10.000	9.545	4.6	86	0.02
32 T	1,1,1-Trichloroethane	10.000	9.483	5.2	93	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	84	0.03
34 T	2-Butanone	10.000	9.026	9.7	83	0.02
35 T	Carbon Tetrachloride	10.000	10.335	-3.4	97	0.03
36 T	Benzene	10.000	9.350	6.5	84	0.03
37 T	1,2-Dichloroethane	10.000	10.453	-4.5	93	0.02
38 T	Trichloroethene	10.000	9.452	5.5	88	0.03
39 T	1,2-Dichloropropane	10.000	9.212	7.9	83	0.03
40 T	1,4-Dioxane	10.000	8.741	12.6	84	0.04
41 T	Tetrahydrofuran	10.000	8.886	11.1	79	0.02
42 T	Bromodichloromethane	10.000	10.365	-3.7	89	0.03
43	Methyl Methacrylate	10.000	8.814	11.9	78	0.04
44 T	2,2,4-Trimethylpentane	10.000	9.143	8.6	80	0.03
45 T	t-1,3-Dichloropropene	10.000	9.167	8.3	79	0.04
46 T	cis-1,3-Dichloropropene	10.000	9.158	8.4	78	0.04
47 T	1,1,2-Trichloroethane	10.000	9.582	4.2	85	0.04
48 T	Dibromochloromethane	10.000	10.186	-1.9	88	0.04

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

49 T	Bromoform	10.000	9.780	2.2	82	0.03
50 T	4-Methyl-2-Pentanone	10.000	8.261	17.4	78	0.05
51 T	2-Hexanone	10.000	8.093	19.1	76	0.03
52 T	Tetrachloroethene	10.000	8.574	14.3	83	0.03
53 T	Toluene	10.000	9.106	8.9	80	0.04
54 T	1,2-Dibromoethane	10.000	9.771	2.3	86	0.03

55 I	Chlorobenzene-d5	10.000	10.000	0.0	82	0.03
56	1,1,1,2-Tetrachloroethane	10.000	10.136	-1.4	89	0.03
57 T	Chlorobenzene	10.000	9.669	3.3	86	0.03
58 T	Ethyl Benzene	10.000	9.446	5.5	82	0.02
59 T	m/p-Xylene	20.000	19.336	3.3	85	0.02
60 T	o-Xylene	10.000	9.526	4.7	83	0.03
61 T	Styrene	10.000	9.424	5.8	79	0.03
62	Isopropylbenzene	10.000	9.689	3.1	86	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	9.518	4.8	84	0.02
64	n-propylbenzene	10.000	9.826	1.7	88	0.02
65	tert-Butylbenzene	10.000	9.526	4.7	88	0.02
66 T	Benzyl Chloride	10.000	8.185	18.1	69	0.02
67	sec-Butylbenzene	10.000	9.677	3.2	90	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.190	-1.9	84	0.02
69	p-Isopropyltoluene	10.000	9.684	3.2	90	0.02
70	n-Butylbenzene	10.000	9.850	1.5	91	0.02
71	2-Chlorotoluene	10.000	9.652	3.5	85	0.02
72 T	4-Ethyltoluene	10.000	9.775	2.2	87	0.02
73 T	1,3,5-Trimethylbenzene	10.000	9.709	2.9	88	0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.202	8.0	89	0.02
75 T	1,3-Dichlorobenzene	10.000	9.895	1.1	90	0.02
76 T	1,4-Dichlorobenzene	10.000	10.014	-0.1	90	0.02
77 T	1,2-Dichlorobenzene	10.000	9.887	1.1	90	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.395	16.1	83	0.02
79 T	Naphthalene	10.000	10.072	-0.7	89	0.02
80 T	Naphthalene,2-methyl-	10.000	10.537	-5.4	83	0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.779	2.2	84	0.02

(#) = Out of Range

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