

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043211.D
 Acq On : 18 Nov 2025 13:56
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111825

Quant Time: Nov 19 01:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 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	93	0.00
2 T	Dichlorodifluoromethane	10.000	9.664	3.4	95	0.00
3	Chlorodifluoromethane	10.000	9.199	8.0	90	0.00
4	Chloromethane	10.000	9.090	9.1	90	0.00
5 T	Vinyl Chloride	10.000	8.493	15.1	94	0.00
6 T	Bromomethane	10.000	8.126	18.7	84	0.00
7	Chloroethane	10.000	9.033	9.7	97	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.632	3.7	96	0.00
9 T	Propene	10.000	9.370	6.3	103	0.00
10 T	Heptane	10.000	8.698	13.0	88	0.00
11 T	Trichlorofluoromethane	10.000	10.077	-0.8	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.673	3.3	97	0.00
13	Ethanol	10.000	7.584	24.2	88	0.00
14 T	Bromoethene	10.000	9.240	7.6	97	0.00
15 T	Acetone	10.000	7.711	22.9	97	0.00
16 T	1,3-Butadiene	10.000	9.041	9.6	95	0.00
17	tert-Butyl alcohol	10.000	9.245	7.6	92	0.00
18 T	1,1-Dichloroethene	10.000	9.017	9.8	95	0.00
19 T	Isopropyl Alcohol	10.000	8.431	15.7	90	0.00
20 T	Methylene Chloride	10.000	10.323	-3.2	99	0.00
21 T	Allyl Chloride	10.000	8.256	17.4	85	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.041	9.6	96	0.00
23 T	Vinyl Acetate	10.000	8.539	14.6	82	0.00
24 T	1,1-Dichloroethane	10.000	9.622	3.8	96	0.00
25 T	Ethyl Acetate	10.000	8.820	11.8	89	0.00
26 T	Hexane	10.000	8.892	11.1	88	0.00
27 T	Carbon Disulfide	10.000	9.528	4.7	95	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.171	-1.7	103	0.00
29 T	Chloroform	10.000	9.521	4.8	93	0.00
30 T	Cyclohexane	10.000	9.148	8.5	92	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.379	6.2	92	0.00
32 T	1,1,1-Trichloroethane	10.000	9.358	6.4	92	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	92	0.00
34 T	2-Butanone	10.000	8.707	12.9	88	0.00
35 T	Carbon Tetrachloride	10.000	9.200	8.0	91	0.00
36 T	Benzene	10.000	9.293	7.1	91	0.00
37 T	1,2-Dichloroethane	10.000	9.772	2.3	95	0.00
38 T	Trichloroethene	10.000	9.272	7.3	91	0.00
39 T	1,2-Dichloropropane	10.000	9.086	9.1	88	0.00
40 T	1,4-Dioxane	10.000	7.780	22.2	79	0.00
41 T	Tetrahydrofuran	10.000	8.891	11.1	87	0.00
42 T	Bromodichloromethane	10.000	9.657	3.4	92	0.00
43	Methyl Methacrylate	10.000	8.737	12.6	89	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.133	8.7	89	0.00
45 T	t-1,3-Dichloropropene	10.000	7.863	21.4	76	0.00
46 T	cis-1,3-Dichloropropene	10.000	7.924	20.8	76	0.00
47 T	1,1,2-Trichloroethane	10.000	9.086	9.1	91	0.01
48 T	Dibromochloromethane	10.000	9.514	4.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	9.085	9.1	86	0.00
50 T	4-Methyl-2-Pentanone	10.000	8.631	13.7	84	0.00
51 T	2-Hexanone	10.000	8.233	17.7	80	0.00
52 T	Tetrachloroethene	10.000	8.884	11.2	89	0.00
53 T	Toluene	10.000	9.197	8.0	90	0.00
54 T	1,2-Dibromoethane	10.000	8.705	13.0	84	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.969	10.3	90	0.00
57 T	Chlorobenzene	10.000	8.981	10.2	88	0.00
58 T	Ethyl Benzene	10.000	9.167	8.3	89	0.00
59 T	m/p-Xylene	20.000	18.108	9.5	90	0.00
60 T	o-Xylene	10.000	8.876	11.2	89	0.00
61 T	Styrene	10.000	8.714	12.9	84	0.00
62	Isopropylbenzene	10.000	8.816	11.8	88	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.421	15.8	85	0.00
64	n-propylbenzene	10.000	8.591	14.1	85	0.00
65	tert-Butylbenzene	10.000	8.465	15.4	86	0.00
66 T	Benzyl Chloride	10.000	5.159	48.4#	49	0.00
67	sec-Butylbenzene	10.000	8.388	16.1	85	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.048	-0.5	92	0.00
69	p-Isopropyltoluene	10.000	8.272	17.3	83	0.00
70	n-Butylbenzene	10.000	8.398	16.0	83	0.00
71	2-Chlorotoluene	10.000	8.649	13.5	86	0.00
72 T	4-Ethyltoluene	10.000	8.779	12.2	87	0.00
73 T	1,3,5-Trimethylbenzene	10.000	8.660	13.4	86	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.463	15.4	87	0.00
75 T	1,3-Dichlorobenzene	10.000	8.320	16.8	82	0.00
76 T	1,4-Dichlorobenzene	10.000	8.273	17.3	81	0.00
77 T	1,2-Dichlorobenzene	10.000	7.966	20.3	81	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.222	27.8	78	0.00
79 T	Naphthalene	10.000	8.270	17.3	78	0.00
80 T	Naphthalene,2-methyl-	10.000	8.631	13.7	80	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.497	15.0	79	0.00

(#) = Out of Range

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