

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042039.D
 Acq On : 21 Feb 2025 14:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 21 21:53:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 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	109	-0.01
2 T	Dichlorodifluoromethane	10.000	9.136	8.6	105	0.00
3	Chlorodifluoromethane	10.000	11.601	-16.0	139	0.00
4	Chloromethane	10.000	9.117	8.8	105	0.00
5 T	Vinyl Chloride	10.000	7.210	27.9	100	0.00
6 T	Bromomethane	10.000	8.541	14.6	101	0.00
7	Chloroethane	10.000	9.171	8.3	105	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.718	12.8	101	0.00
9 T	Propene	10.000	10.481	-4.8	124	0.00
10 T	Heptane	10.000	11.482	-14.8	138	-0.02
11 T	Trichlorofluoromethane	10.000	9.056	9.4	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.950	10.5	101	0.00
13	Ethanol	10.000	4.937	50.6#	138	0.00
14 T	Bromoethene	10.000	8.654	13.5	100	0.00
15 T	Acetone	10.000	7.979	20.2	108	0.00
16 T	1,3-Butadiene	10.000	8.253	17.5	104	0.00
17	tert-Butyl alcohol	10.000	8.072	19.3	97	0.00
18 T	1,1-Dichloroethene	10.000	8.043	19.6	97	0.00
19 T	Isopropyl Alcohol	10.000	7.958	20.4	98	0.00
20 T	Methylene Chloride	10.000	7.727	22.7	107	0.00
21 T	Allyl Chloride	10.000	8.106	18.9	101	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.876	11.2	106	0.00
23 T	Vinyl Acetate	10.000	14.780	-47.8#	182	0.00
24 T	1,1-Dichloroethane	10.000	8.893	11.1	108	0.00
25 T	Ethyl Acetate	10.000	11.691	-16.9	140	0.00
26 T	Hexane	10.000	12.158	-21.6	147	0.00
27 T	Carbon Disulfide	10.000	9.252	7.5	106	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.516	4.8	113	-0.01
29 T	Chloroform	10.000	10.864	-8.6	129	0.00
30 T	Cyclohexane	10.000	11.730	-17.3	216	-0.02
31 T	cis-1,2-Dichloroethene	10.000	11.491	-14.9	135	0.00
32 T	1,1,1-Trichloroethane	10.000	9.914	0.9	124	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	92	-0.02
34 T	2-Butanone	10.000	13.969	-39.7#	141	0.00
35 T	Carbon Tetrachloride	10.000	11.293	-12.9	119	-0.02
36 T	Benzene	10.000	13.333	-33.3#	131	-0.02
37 T	1,2-Dichloroethane	10.000	13.468	-34.7#	137	-0.01
38 T	Trichloroethene	10.000	11.554	-15.5	116	-0.02
39 T	1,2-Dichloropropane	10.000	13.521	-35.2#	136	-0.02
40 T	1,4-Dioxane	10.000	11.774	-17.7	124	-0.02
41 T	Tetrahydrofuran	10.000	14.413	-44.1#	140	0.00
42 T	Bromodichloromethane	10.000	13.364	-33.6#	127	-0.02
43	Methyl Methacrylate	10.000	12.064	-20.6	128	-0.02
44 T	2,2,4-Trimethylpentane	10.000	13.695	-37.0#	133	-0.02
45 T	t-1,3-Dichloropropene	10.000	13.241	-32.4#	130	-0.02
46 T	cis-1,3-Dichloropropene	10.000	13.347	-33.5#	130	-0.03
47 T	1,1,2-Trichloroethane	10.000	12.780	-27.8	128	-0.02
48 T	Dibromochloromethane	10.000	12.157	-21.6	116	-0.02

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

49 T	Bromoform	10.000	11.856	-18.6	111	-0.01
50 T	4-Methyl-2-Pentanone	10.000	12.906	-29.1	132	-0.03
51 T	2-Hexanone	10.000	12.878	-28.8	132	-0.02
52 T	Tetrachloroethene	10.000	11.377	-13.8	118	-0.02
53 T	Toluene	10.000	12.690	-26.9	125	-0.02
54 T	1,2-Dibromoethane	10.000	12.616	-26.2	124	-0.02

55 I	Chlorobenzene-d5	10.000	10.000	0.0	88	-0.01
56	1,1,1,2-Tetrachloroethane	10.000	11.408	-14.1	118	-0.02
57 T	Chlorobenzene	10.000	12.373	-23.7	121	-0.02
58 T	Ethyl Benzene	10.000	13.024	-30.2#	124	-0.01
59 T	m/p-Xylene	20.000	26.058	-30.3#	126	0.00
60 T	o-Xylene	10.000	12.580	-25.8	125	-0.01
61 T	Styrene	10.000	12.932	-29.3	124	-0.01
62	Isopropylbenzene	10.000	12.425	-24.3	121	-0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	12.577	-25.8	134	-0.01
64	n-propylbenzene	10.000	12.419	-24.2	124	-0.01
65	tert-Butylbenzene	10.000	12.056	-20.6	120	0.00
66 T	Benzyl Chloride	10.000	11.895	-18.9	112	0.00
67	sec-Butylbenzene	10.000	12.566	-25.7	125	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.443	-4.4	92	-0.01
69	p-Isopropyltoluene	10.000	12.183	-21.8	122	-0.01
70	n-Butylbenzene	10.000	13.361	-33.6#	133	0.00
71	2-Chlorotoluene	10.000	12.964	-29.6	127	0.00
72 T	4-Ethyltoluene	10.000	12.938	-29.4	127	0.00
73 T	1,3,5-Trimethylbenzene	10.000	12.737	-27.4	125	-0.01
74 T	1,2,4-Trimethylbenzene	10.000	12.566	-25.7	126	-0.01
75 T	1,3-Dichlorobenzene	10.000	12.644	-26.4	124	-0.01
76 T	1,4-Dichlorobenzene	10.000	12.909	-29.1	127	0.00
77 T	1,2-Dichlorobenzene	10.000	12.845	-28.5	128	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.306	-3.1	112	0.00
79 T	Naphthalene	10.000	11.601	-16.0	141	0.00
80 T	Naphthalene,2-methyl-	10.000	11.464	-14.6	186	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.896	-19.0	127	-0.01

(#) = Out of Range

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