

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042034.D
 Acq On : 21 Feb 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 21 21:49:26 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	98	-0.02
2 T	Dichlorodifluoromethane	10.000	9.190	8.1	95	0.00
3	Chlorodifluoromethane	10.000	11.579	-15.8	124	0.00
4	Chloromethane	10.000	9.188	8.1	95	0.00
5 T	Vinyl Chloride	10.000	7.327	26.7	91	0.00
6 T	Bromomethane	10.000	8.466	15.3	90	0.00
7	Chloroethane	10.000	9.063	9.4	93	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.676	13.2	91	0.00
9 T	Propene	10.000	10.690	-6.9	113	0.00
10 T	Heptane	10.000	11.356	-13.6	122	-0.03
11 T	Trichlorofluoromethane	10.000	9.091	9.1	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.233	7.7	94	-0.01
13	Ethanol	10.000	4.698	53.0#	118	0.00
14 T	Bromoethene	10.000	8.671	13.3	90	0.00
15 T	Acetone	10.000	7.974	20.3	97	0.00
16 T	1,3-Butadiene	10.000	8.137	18.6	92	0.00
17	tert-Butyl alcohol	10.000	8.419	15.8	90	0.00
18 T	1,1-Dichloroethene	10.000	8.311	16.9	90	0.00
19 T	Isopropyl Alcohol	10.000	8.358	16.4	92	0.00
20 T	Methylene Chloride	10.000	8.034	19.7	99	0.00
21 T	Allyl Chloride	10.000	8.669	13.3	97	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.667	13.3	92	0.00
23 T	Vinyl Acetate	10.000	11.001	-10.0	121	-0.01
24 T	1,1-Dichloroethane	10.000	8.934	10.7	97	0.00
25 T	Ethyl Acetate	10.000	11.389	-13.9	122	-0.01
26 T	Hexane	10.000	11.930	-19.3	129	-0.02
27 T	Carbon Disulfide	10.000	9.164	8.4	94	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.528	14.7	91	-0.01
29 T	Chloroform	10.000	10.753	-7.5	114	-0.02
30 T	Cyclohexane	10.000	11.537	-15.4	190	-0.02
31 T	cis-1,2-Dichloroethene	10.000	11.227	-12.3	119	-0.01
32 T	1,1,1-Trichloroethane	10.000	9.946	0.5	111	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	82	-0.02
34 T	2-Butanone	10.000	13.832	-38.3#	125	-0.01
35 T	Carbon Tetrachloride	10.000	11.180	-11.8	105	-0.02
36 T	Benzene	10.000	13.067	-30.7#	114	-0.02
37 T	1,2-Dichloroethane	10.000	13.336	-33.4#	121	-0.02
38 T	Trichloroethene	10.000	11.367	-13.7	102	-0.02
39 T	1,2-Dichloropropane	10.000	13.393	-33.9#	120	-0.02
40 T	1,4-Dioxane	10.000	11.494	-14.9	109	-0.03
41 T	Tetrahydrofuran	10.000	14.187	-41.9#	124	-0.02
42 T	Bromodichloromethane	10.000	13.473	-34.7#	114	-0.03
43	Methyl Methacrylate	10.000	11.700	-17.0	111	-0.02
44 T	2,2,4-Trimethylpentane	10.000	13.593	-35.9#	118	-0.03
45 T	t-1,3-Dichloropropene	10.000	12.654	-26.5	111	-0.03
46 T	cis-1,3-Dichloropropene	10.000	12.740	-27.4	111	-0.03
47 T	1,1,2-Trichloroethane	10.000	12.460	-24.6	111	-0.03
48 T	Dibromochloromethane	10.000	11.996	-20.0	103	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	11.762	-17.6	98	-0.02
50 T	4-Methyl-2-Pentanone	10.000	12.943	-29.4	119	-0.04
51 T	2-Hexanone	10.000	12.940	-29.4	119	-0.03
52 T	Tetrachloroethene	10.000	10.614	-6.1	98	-0.02
53 T	Toluene	10.000	12.204	-22.0	107	-0.03
54 T	1,2-Dibromoethane	10.000	12.260	-22.6	108	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	10.595	-6.0	102	-0.02
57 T	Chlorobenzene	10.000	11.457	-14.6	105	-0.02
58 T	Ethyl Benzene	10.000	12.140	-21.4	107	-0.02
59 T	m/p-Xylene	20.000	23.916	-19.6	108	0.00
60 T	o-Xylene	10.000	11.636	-16.4	107	-0.02
61 T	Styrene	10.000	11.902	-19.0	106	-0.02
62	Isopropylbenzene	10.000	11.518	-15.2	104	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	11.755	-17.6	116	-0.02
64	n-propylbenzene	10.000	11.479	-14.8	106	-0.02
65	tert-Butylbenzene	10.000	11.106	-11.1	103	-0.01
66 T	Benzyl Chloride	10.000	10.295	-2.9	90	-0.02
67	sec-Butylbenzene	10.000	11.494	-14.9	107	-0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.091	-0.9	83	-0.01
69	p-Isopropyltoluene	10.000	10.838	-8.4	101	-0.01
70	n-Butylbenzene	10.000	11.838	-18.4	110	0.00
71	2-Chlorotoluene	10.000	11.839	-18.4	108	-0.01
72 T	4-Ethyltoluene	10.000	11.679	-16.8	106	-0.01
73 T	1,3,5-Trimethylbenzene	10.000	11.442	-14.4	104	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	11.196	-12.0	105	-0.02
75 T	1,3-Dichlorobenzene	10.000	11.222	-12.2	103	-0.02
76 T	1,4-Dichlorobenzene	10.000	11.360	-13.6	104	-0.01
77 T	1,2-Dichlorobenzene	10.000	11.125	-11.3	103	-0.01
78 T	Hexachloro-1,3-Butadiene	10.000	8.734	12.7	89	-0.01
79 T	Naphthalene	10.000	9.158	8.4	103	-0.01
80 T	Naphthalene,2-methyl-	10.000	6.650	33.5#	101	-0.01
81 T	1,2,4-Trichlorobenzene	10.000	9.514	4.9	94	-0.01

(#) = Out of Range

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