

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042326.D
 Acq On : 15 Apr 2025 11:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 16 01:29:10 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	92	0.02
2 T	Dichlorodifluoromethane	10.000	8.435	15.6	82	0.00
3	Chlorodifluoromethane	10.000	9.054	9.5	86	0.00
4	Chloromethane	10.000	8.625	13.8	84	0.00
5 T	Vinyl Chloride	10.000	7.554	24.5	81	0.01
6 T	Bromomethane	10.000	7.705	22.9	76	0.01
7	Chloroethane	10.000	7.704	23.0	76	0.01
8 T	Dichlorotetrafluoroethane	10.000	8.443	15.6	81	0.01
9 T	Propene	10.000	8.483	15.2	82	0.00
10 T	Heptane	10.000	8.736	12.6	83	0.05
11 T	Trichlorofluoromethane	10.000	8.178	18.2	81	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	7.719	22.8	75	0.02
13	Ethanol	10.000	3.944	60.6#	83	0.01
14 T	Bromoethene	10.000	7.646	23.5	76	0.02
15 T	Acetone	10.000	7.614	23.9	88	0.01
16 T	1,3-Butadiene	10.000	7.731	22.7	85	0.01
17	tert-Butyl alcohol	10.000	6.990	30.1#	69	0.02
18 T	1,1-Dichloroethene	10.000	7.605	23.9	77	0.02
19 T	Isopropyl Alcohol	10.000	7.682	23.2	79	0.01
20 T	Methylene Chloride	10.000	6.725	32.8#	74	0.02
21 T	Allyl Chloride	10.000	7.825	21.7	79	0.02
22 T	trans-1,2-Dichloroethene	10.000	7.422	25.8	74	0.02
23 T	Vinyl Acetate	10.000	6.920	30.8#	78	0.02
24 T	1,1-Dichloroethane	10.000	8.315	16.9	81	0.02
25 T	Ethyl Acetate	10.000	9.030	9.7	87	0.02
26 T	Hexane	10.000	8.851	11.5	86	0.02
27 T	Carbon Disulfide	10.000	7.547	24.5	73	0.02
28 T	Methyl tert-Butyl Ether	10.000	7.734	22.7	75	0.02
29 T	Chloroform	10.000	8.888	11.1	87	0.02
30 T	Cyclohexane	10.000	8.266	17.3	80	0.03
31 T	cis-1,2-Dichloroethene	10.000	8.490	15.1	81	0.02
32 T	1,1,1-Trichloroethane	10.000	7.704	23.0	81	0.03
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	84	0.04
34 T	2-Butanone	10.000	9.565	4.4	87	0.02
35 T	Carbon Tetrachloride	10.000	8.902	11.0	83	0.03
36 T	Benzene	10.000	9.360	6.4	83	0.03
37 T	1,2-Dichloroethane	10.000	9.231	7.7	82	0.03
38 T	Trichloroethene	10.000	9.102	9.0	84	0.04
39 T	1,2-Dichloropropane	10.000	9.190	8.1	83	0.04
40 T	1,4-Dioxane	10.000	8.226	17.7	78	0.05
41 T	Tetrahydrofuran	10.000	9.505	4.9	84	0.03
42 T	Bromodichloromethane	10.000	9.313	6.9	80	0.04
43	Methyl Methacrylate	10.000	8.098	19.0	71	0.05
44 T	2,2,4-Trimethylpentane	10.000	9.511	4.9	83	0.04
45 T	t-1,3-Dichloropropene	10.000	7.338	26.6	63	0.05
46 T	cis-1,3-Dichloropropene	10.000	8.097	19.0	68	0.05
47 T	1,1,2-Trichloroethane	10.000	9.348	6.5	82	0.05
48 T	Dibromochloromethane	10.000	9.217	7.8	79	0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	8.997	10.0	75	0.04
50 T	4-Methyl-2-Pentanone	10.000	8.428	15.7	79	0.05
51 T	2-Hexanone	10.000	8.192	18.1	77	0.04
52 T	Tetrachloroethene	10.000	8.037	19.6	77	0.04
53 T	Toluene	10.000	8.595	14.0	75	0.05
54 T	1,2-Dibromoethane	10.000	9.047	9.5	80	0.04
55 I	Chlorobenzene-d5	10.000	10.000	0.0	79	0.04
56	1,1,1,2-Tetrachloroethane	10.000	9.455	5.4	81	0.04
57 T	Chlorobenzene	10.000	9.617	3.8	83	0.04
58 T	Ethyl Benzene	10.000	8.754	12.5	74	0.03
59 T	m/p-Xylene	20.000	18.222	8.9	77	0.03
60 T	o-Xylene	10.000	9.040	9.6	77	0.03
61 T	Styrene	10.000	8.474	15.3	69	0.03
62	Isopropylbenzene	10.000	9.079	9.2	78	0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	9.671	3.3	83	0.03
64	n-propylbenzene	10.000	9.452	5.5	82	0.03
65	tert-Butylbenzene	10.000	8.911	10.9	80	0.03
66 T	Benzyl Chloride	10.000	6.339	36.6#	52	0.03
67	sec-Butylbenzene	10.000	9.123	8.8	82	0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.646	3.5	77	0.03
69	p-Isopropyltoluene	10.000	8.935	10.6	80	0.02
70	n-Butylbenzene	10.000	8.928	10.7	80	0.03
71	2-Chlorotoluene	10.000	8.830	11.7	75	0.03
72 T	4-Ethyltoluene	10.000	9.029	9.7	78	0.03
73 T	1,3,5-Trimethylbenzene	10.000	8.764	12.4	77	0.03
74 T	1,2,4-Trimethylbenzene	10.000	8.507	14.9	79	0.02
75 T	1,3-Dichlorobenzene	10.000	9.492	5.1	83	0.03
76 T	1,4-Dichlorobenzene	10.000	9.499	5.0	82	0.03
77 T	1,2-Dichlorobenzene	10.000	9.706	2.9	86	0.03
78 T	Hexachloro-1,3-Butadiene	10.000	7.828	21.7	75	0.02
79 T	Naphthalene	10.000	9.490	5.1	81	0.02
80 T	Naphthalene,2-methyl-	10.000	9.294	7.1	71	0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.114	8.9	75	0.02

(#) = Out of Range

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