

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039695.D
 Acq On : 5 Oct 2022 8:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 07 11:50:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 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	83	0.00
2 T	Dichlorodifluoromethane	10.000	0.243	97.6#	2	0.00
3	Chlorodifluoromethane	10.000	0.176	98.2#	2	0.01
4	Chloromethane	10.000	0.186	98.1#	2	0.00
5 T	Vinyl Chloride	10.000	0.157	98.4#	1	0.00
6 T	Bromomethane	10.000	0.162	98.4#	1	0.00
7	Chloroethane	10.000	0.205	98.0#	2	0.00
8 T	Dichlorotetrafluoroethane	10.000	0.186	98.1#	2	0.00
9 T	Propene	10.000	0.222	97.8#	2	0.01
10 T	Heptane	10.000	0.102	99.0#	1	0.00
11 T	Trichlorofluoromethane	10.000	0.182	98.2#	2	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	0.179	98.2#	2	0.00
13	Ethanol	10.000	0.693	93.1#	7	0.02
14 T	Bromoethene	10.000	0.181	98.2#	2	0.00
15 T	Acetone	10.000	0.201	98.0#	2	0.03
16 T	1,3-Butadiene	10.000	0.191	98.1#	2	0.00
17	tert-Butyl alcohol	10.000	0.176	98.2#	1	0.03
18 T	1,1-Dichloroethene	10.000	0.202	98.0#	2	0.00
19 T	Isopropyl Alcohol	10.000	0.205	98.0#	2	0.03
20 T	Methylene Chloride	10.000	0.264	97.4#	3	0.01
21 T	Allyl Chloride	10.000	0.133	98.7#	1	0.00
22 T	trans-1,2-Dichloroethene	10.000	0.210	97.9#	2	0.01
23 T	Vinyl Acetate	10.000	0.270	97.3#	2	0.00
24 T	1,1-Dichloroethane	10.000	0.171	98.3#	2	0.00
25 T	Ethyl Acetate	10.000	0.136	98.6#	1	0.02
26 T	Hexane	10.000	0.200	98.0#	2	0.01
27 T	Carbon Disulfide	10.000	0.095	99.0#	1	0.00
28 T	Methyl tert-Butyl Ether	10.000	0.154	98.5#	1	0.02
29 T	Chloroform	10.000	0.190	98.1#	2	0.00
30 T	Cyclohexane	10.000	0.096	99.0#	1	0.02
31 T	cis-1,2-Dichloroethene	10.000	0.128	98.7#	1	0.01
32 T	1,1,1-Trichloroethane	10.000	0.156	98.4#	1	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	83	0.00
34 T	2-Butanone	10.000	0.182	98.2#	2	0.02
35 T	Carbon Tetrachloride	10.000	0.173	98.3#	1	0.01
36 T	Benzene	10.000	0.125	98.8#	1	0.00
37 T	1,2-Dichloroethane	10.000	0.177	98.2#	2	0.01
38 T	Trichloroethene	10.000	0.159	98.4#	1	0.00
39 T	1,2-Dichloropropane	10.000	0.158	98.4#	1	0.01
40 T	1,4-Dioxane	10.000	0.119	98.8#	1	0.06
41 T	Tetrahydrofuran	10.000	0.116	98.8#	1	0.04
42 T	Bromodichloromethane	10.000	0.130	98.7#	1	0.00
43	Methyl Methacrylate	10.000	0.095	99.0#	1	0.01
44 T	2,2,4-Trimethylpentane	10.000	0.103	99.0#	1	0.00
45 T	t-1,3-Dichloropropene	10.000	0.101	99.0#	1	0.00
46 T	cis-1,3-Dichloropropene	10.000	0.099	99.0#	1	0.00
47 T	1,1,2-Trichloroethane	10.000	0.155	98.5#	1	0.00
48 T	Dibromochloromethane	10.000	0.131	98.7#	1	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	0.118	98.8#	1	0.00
50 T	4-Methyl-2-Pentanone	10.000	0.094	99.1#	1	0.03
51 T	2-Hexanone	10.000	0.089	99.1#	1	0.04
52 T	Tetrachloroethene	10.000	0.129	98.7#	1	0.00
53 T	Toluene	10.000	0.085	99.1#	1	0.00
54 T	1,2-Dibromoethane	10.000	0.150	98.5#	1	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	10.000	0.065	99.4#	1	0.00
57 T	Chlorobenzene	10.000	0.183	98.2#	2	0.00
58 T	Ethyl Benzene	10.000	0.094	99.1#	1	0.00
59 T	m/p-Xylene	20.000	0.171	99.1#	1	0.00
60 T	o-Xylene	10.000	0.097	99.0#	1	0.01
61 T	Styrene	10.000	0.078	99.2#	1	0.00
62	Isopropylbenzene	10.000	0.121	98.8#	1	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	0.187	98.1#	2	0.01
64	n-propylbenzene	10.000	0.097	99.0#	1	0.01
65	tert-Butylbenzene	10.000	0.113	98.9#	1	0.00
66 T	Benzyl Chloride	10.000	0.124	98.8#	1	0.00
67	sec-Butylbenzene	10.000	0.111	98.9#	1	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.843	1.6	74	0.00
69	p-Isopropyltoluene	10.000	0.095	99.0#	1	0.00
70	n-Butylbenzene	10.000	0.109	98.9#	1	0.00
71	2-Chlorotoluene	10.000	0.112	98.9#	1	0.00
72 T	4-Ethyltoluene	10.000	0.094	99.1#	1	0.00
73 T	1,3,5-Trimethylbenzene	10.000	0.098	99.0#	1	0.01
74 T	1,2,4-Trimethylbenzene	10.000	0.109	98.9#	1	0.00
75 T	1,3-Dichlorobenzene	10.000	0.160	98.4#	1	0.01
76 T	1,4-Dichlorobenzene	10.000	0.168	98.3#	1	0.00
77 T	1,2-Dichlorobenzene	10.000	0.182	98.2#	2	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	0.311	96.9#	3	0.00
79 T	Naphthalene	10.000	0.198	98.0#	1	0.02
80 T	Naphthalene,2-methyl-	10.000	0.116	98.8#	1	0.02
81 T	1,2,4-Trichlorobenzene	10.000	0.212	97.9#	2	0.00

(#) = Out of Range

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