

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	83	0.00
2 T	Dichlorodifluoromethane	1.159	0.028#	97.6#	2#	0.00
3	Chlorodifluoromethane	1.187	0.021#	98.2#	2#	0.01
4	Chloromethane	0.716	0.013#	98.2#	2#	0.00
5 T	Vinyl Chloride	0.597	0.009#	98.5#	1#	0.00
6 T	Bromomethane	0.220	0.004#	98.2#	1#	0.00
7	Chloroethane	0.218	0.004#	98.2#	2#	0.00
8 T	Dichlorotetrafluoroethane	1.391	0.026#	98.1#	2#	0.00
9 T	Propene	0.542	0.012#	97.8#	2#	0.01
10 T	Heptane	1.265	0.013#	99.0#	1#	0.00
11 T	Trichlorofluoromethane	1.436	0.026#	98.2#	2#	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	0.019#	98.2#	2#	0.00
13	Ethanol	0.041	0.003#	92.7#	7#	0.02
14 T	Bromoethene	0.433	0.008#	98.2#	2#	0.00
15 T	Acetone	1.113	0.022#	98.0#	2#	0.03
16 T	1,3-Butadiene	0.564	0.011#	98.0#	2#	0.00
17	tert-Butyl alcohol	0.999	0.018#	98.2#	1#	0.03
18 T	1,1-Dichloroethene	0.477	0.010#	97.9#	2#	0.00
19 T	Isopropyl Alcohol	0.567	0.012#	97.9#	2#	0.03
20 T	Methylene Chloride	0.514	0.014#	97.3#	3#	0.01
21 T	Allyl Chloride	0.758	0.010#	98.7#	1#	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.010#	97.9#	2#	0.01
23 T	Vinyl Acetate	0.503	0.014#	97.2#	2#	0.00
24 T	1,1-Dichloroethane	1.002	0.017#	98.3#	2#	0.00
25 T	Ethyl Acetate	2.426	0.033#	98.6#	1#	0.02
26 T	Hexane	1.030	0.021#	98.0#	2#	0.01
27 T	Carbon Disulfide	1.082	0.010#	99.1#	1#	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.013#	98.5#	1#	0.02
29 T	Chloroform	1.486	0.028#	98.1#	2#	0.00
30 T	Cyclohexane	0.797	0.008#	99.0#	1#	0.02
31 T	cis-1,2-Dichloroethene	0.931	0.012#	98.7#	1#	0.01
32 T	1,1,1-Trichloroethane	1.346	0.021#	98.4#	1#	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.491	0.009#	98.2#	2#	0.02
35 T	Carbon Tetrachloride	0.531	0.009#	98.3#	1#	0.01
36 T	Benzene	0.765	0.010#	98.7#	1#	0.00
37 T	1,2-Dichloroethane	0.416	0.007#	98.3#	2#	0.01
38 T	Trichloroethene	0.413	0.007#	98.3#	1#	0.00
39 T	1,2-Dichloropropane	0.295	0.005#	98.3#	1#	0.01
40 T	1,4-Dioxane	0.121	0.001#	99.2#	1#	0.06
41 T	Tetrahydrofuran	0.301	0.004#	98.7#	1#	0.04
42 T	Bromodichloromethane	0.579	0.008#	98.6#	1#	0.00
43	Methyl Methacrylate	0.279	0.003#	98.9#	1#	0.01
44 T	2,2,4-Trimethylpentane	1.318	0.014#	98.9#	1#	0.00
45 T	t-1,3-Dichloropropene	0.236	0.002#	99.2#	1#	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.003#	99.1#	1#	0.00
47 T	1,1,2-Trichloroethane	0.323	0.005#	98.5#	1#	0.00
48 T	Dibromochloromethane	0.486	0.006#	98.8#	1#	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.005#	98.8#	1#	0.00
50 T	4-Methyl-2-Pentanone	0.772	0.007#	99.1#	1#	0.03
51 T	2-Hexanone	0.571	0.005#	99.1#	1#	0.04
52 T	Tetrachloroethene	0.292	0.004#	98.6#	1#	0.00
53 T	Toluene	0.850	0.007#	99.2#	1#	0.00
54 T	1,2-Dibromoethane	0.345	0.005#	98.6#	1#	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.003#	99.3#	1#	0.00
57 T	Chlorobenzene	0.735	0.013#	98.2#	2#	0.00
58 T	Ethyl Benzene	1.153	0.011#	99.0#	1#	0.00
59 T	m/p-Xylene	1.026	0.009#	99.1#	1#	0.00
60 T	o-Xylene	0.980	0.009#	99.1#	1#	0.01
61 T	Styrene	0.528	0.004#	99.2#	1#	0.00
62	Isopropylbenzene	1.474	0.018#	98.8#	1#	0.00
63 T	1,1,2,2-Tetrachloroethane	0.391	0.007#	98.2#	2#	0.01
64	n-propylbenzene	0.378	0.004#	98.9#	1#	0.01
65	tert-Butylbenzene	1.303	0.015#	98.8#	1#	0.00
66 T	Benzyl Chloride	0.104	0.001#	99.0#	1#	0.00
67	sec-Butylbenzene	1.827	0.020#	98.9#	1#	0.00
68 S	1-Bromo-4-Fluorobenzene	0.747	0.735	1.6	74	0.00
69	p-Isopropyltoluene	1.501	0.014#	99.1#	1#	0.00
70	n-Butylbenzene	1.472	0.016#	98.9#	1#	0.00
71	2-Chlorotoluene	1.065	0.012#	98.9#	1#	0.00
72 T	4-Ethyltoluene	1.119	0.011#	99.0#	1#	0.00
73 T	1,3,5-Trimethylbenzene	1.024	0.010#	99.0#	1#	0.01
74 T	1,2,4-Trimethylbenzene	1.147	0.012#	99.0#	1#	0.00
75 T	1,3-Dichlorobenzene	0.685	0.011#	98.4#	1#	0.01
76 T	1,4-Dichlorobenzene	0.685	0.012#	98.2#	1#	0.00
77 T	1,2-Dichlorobenzene	0.668	0.012#	98.2#	2#	0.00
78 T	Hexachloro-1,3-Butadiene	0.510	0.016#	96.9#	3#	0.00
79 T	Naphthalene	0.757	0.015#	98.0#	1#	0.02
80 T	Naphthalene,2-methyl-	0.285	0.003#	98.9#	1#	0.02
81 T	1,2,4-Trichlorobenzene	0.497	0.011#	97.8#	2#	0.00

(#) = Out of Range

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