

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039679.D
 Acq On : 23 Sep 2022 10:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 23 16:51:40 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	0.868	25.1	76	0.00
3	Chlorodifluoromethane	1.187	1.099	7.4	88	0.00
4	Chloromethane	0.716	0.593	17.2	78	0.00
5 T	Vinyl Chloride	0.597	0.558	6.5	83	0.00
6 T	Bromomethane	0.220	0.232	-5.5	96	0.00
7	Chloroethane	0.218	0.199	8.7	79	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.214	12.7	80	0.00
9 T	Propene	0.542	0.480	11.4	81	0.00
10 T	Heptane	1.265	1.265	0.0	86	0.00
11 T	Trichlorofluoromethane	1.436	1.388	3.3	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	1.022	5.7	90	0.00
13	Ethanol	0.041	0.039#	4.9	96	0.00
14 T	Bromoethene	0.433	0.408	5.8	83	0.00
15 T	Acetone	1.113	1.009	9.3	87	0.00
16 T	1,3-Butadiene	0.564	0.562	0.4	87	0.00
17	tert-Butyl alcohol	0.999	1.001	-0.2	83	0.00
18 T	1,1-Dichloroethene	0.477	0.447	6.3	85	0.00
19 T	Isopropyl Alcohol	0.567	0.518	8.6	79	0.00
20 T	Methylene Chloride	0.514	0.373	27.4	84	0.00
21 T	Allyl Chloride	0.758	0.698	7.9	84	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.442	6.4	82	0.00
23 T	Vinyl Acetate	0.503	0.261	48.1#	47	0.00
24 T	1,1-Dichloroethane	1.002	0.987	1.5	89	0.00
25 T	Ethyl Acetate	2.426	2.550	-5.1	97	0.00
26 T	Hexane	1.030	0.912	11.5	84	0.00
27 T	Carbon Disulfide	1.082	1.089	-0.6	81	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.776	10.3	80	0.00
29 T	Chloroform	1.486	1.434	3.5	89	0.00
30 T	Cyclohexane	0.797	0.766	3.9	84	0.00
31 T	cis-1,2-Dichloroethene	0.931	0.854	8.3	79	0.00
32 T	1,1,1-Trichloroethane	1.346	1.402	-4.2	88	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.491	0.437	11.0	85	0.00
35 T	Carbon Tetrachloride	0.531	0.563	-6.0	89	0.00
36 T	Benzene	0.765	0.740	3.3	84	0.00
37 T	1,2-Dichloroethane	0.416	0.389	6.5	82	0.00
38 T	Trichloroethene	0.413	0.343	16.9	69	0.00
39 T	1,2-Dichloropropane	0.295	0.281	4.7	84	0.00
40 T	1,4-Dioxane	0.121	0.111	8.3	91	0.00
41 T	Tetrahydrofuran	0.301	0.293	2.7	79	0.00
42 T	Bromodichloromethane	0.579	0.591	-2.1	88	0.00
43	Methyl Methacrylate	0.279	0.305	-9.3	88	0.00
44 T	2,2,4-Trimethylpentane	1.318	1.283	2.7	87	0.00
45 T	t-1,3-Dichloropropene	0.236	0.206	12.7	61	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.320	4.5	70	0.00
47 T	1,1,2-Trichloroethane	0.323	0.313	3.1	87	0.00
48 T	Dibromochloromethane	0.486	0.523	-7.6	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.448	-11.4	87	0.00
50 T	4-Methyl-2-Pentanone	0.772	0.802	-3.9	86	0.00
51 T	2-Hexanone	0.571	0.600	-5.1	82	0.00
52 T	Tetrachloroethene	0.292	0.280	4.1	85	0.00
53 T	Toluene	0.850	0.874	-2.8	84	0.00
54 T	1,2-Dibromoethane	0.345	0.399	-15.7	94	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.434	-7.4	94	0.00
57 T	Chlorobenzene	0.735	0.713	3.0	87	0.00
58 T	Ethyl Benzene	1.153	1.241	-7.6	87	0.00
59 T	m/p-Xylene	1.026	1.063	-3.6	88	0.00
60 T	o-Xylene	0.980	1.032	-5.3	89	0.00
61 T	Styrene	0.528	0.583	-10.4	83	0.00
62	Isopropylbenzene	1.474	1.585	-7.5	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.391	0.631	-61.4#	143	0.00
64	n-propylbenzene	0.378	0.415	-9.8	95	0.00
65	tert-Butylbenzene	1.303	1.427	-9.5	96	0.00
66 T	Benzyl Chloride	0.104	0.073	29.8	54	0.00
67	sec-Butylbenzene	1.827	2.019	-10.5	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.747	0.787	-5.4	84	0.00
69	p-Isopropyltoluene	1.501	1.688	-12.5	97	0.00
70	n-Butylbenzene	1.472	1.684	-14.4	99	0.00
71	2-Chlorotoluene	1.065	1.175	-10.3	95	0.00
72 T	4-Ethyltoluene	1.119	1.213	-8.4	89	0.00
73 T	1,3,5-Trimethylbenzene	1.024	1.113	-8.7	92	0.00
74 T	1,2,4-Trimethylbenzene	1.147	1.221	-6.5	94	0.00
75 T	1,3-Dichlorobenzene	0.685	0.722	-5.4	93	0.01
76 T	1,4-Dichlorobenzene	0.685	0.693	-1.2	94	0.00
77 T	1,2-Dichlorobenzene	0.668	0.708	-6.0	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.510	0.525	-2.9	103	0.00
79 T	Naphthalene	0.757	0.982	-29.7	96	0.01
80 T	Naphthalene,2-methyl-	0.285	0.248	13.0	70	0.00
81 T	1,2,4-Trichlorobenzene	0.497	0.556	-11.9	96	0.00

(#) = Out of Range

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