

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040126.D
 Acq On : 20 Jan 2023 8:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 20 09:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 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	87	0.02
2 T	Dichlorodifluoromethane	1.753	1.652	5.8	92	0.00
3	Chlorodifluoromethane	1.199	1.108	7.6	86	0.01
4	Chloromethane	0.741	0.649	12.4	79	0.01
5 T	Vinyl Chloride	0.628	0.598	4.8	84	0.01
6 T	Bromomethane	0.229	0.229	0.0	91	0.02
7	Chloroethane	0.240	0.221	7.9	86	0.01
8 T	Dichlorotetrafluoroethane	1.637	1.399	14.5	78	0.02
9 T	Propene	0.498	0.502	-0.8	93	0.01
10 T	Heptane	1.149	1.228	-6.9	89	0.02
11 T	Trichlorofluoromethane	1.750	1.369	21.8	70	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.056	19.8	72	0.02
13	Ethanol	0.046	0.027#	41.3#	65	0.00
14 T	Bromoethene	0.488	0.414	15.2	74	0.02
15 T	Acetone	1.199	1.039	13.3	82	0.01
16 T	1,3-Butadiene	0.559	0.553	1.1	88	0.01
17	tert-Butyl alcohol	1.117	1.226	-9.8	92	0.02
18 T	1,1-Dichloroethene	0.572	0.474	17.1	74	0.02
19 T	Isopropyl Alcohol	0.587	0.521	11.2	80	0.01
20 T	Methylene Chloride	0.529	0.418	21.0	77	0.02
21 T	Allyl Chloride	0.770	0.739	4.0	83	0.02
22 T	trans-1,2-Dichloroethene	0.584	0.490	16.1	74	0.02
23 T	Vinyl Acetate	0.389	0.154	60.4#	34	0.02
24 T	1,1-Dichloroethane	1.177	1.049	10.9	78	0.02
25 T	Ethyl Acetate	2.113	2.475	-17.1	103	0.01
26 T	Hexane	0.925	0.972	-5.1	96	0.02
27 T	Carbon Disulfide	1.198	1.161	3.1	74	0.02
28 T	Methyl tert-Butyl Ether	1.040	0.999	3.9	84	0.02
29 T	Chloroform	1.478	1.425	3.6	88	0.02
30 T	Cyclohexane	0.735	0.836	-13.7	96	0.02
31 T	cis-1,2-Dichloroethene	0.895	0.811	9.4	80	0.02
32 T	1,1,1-Trichloroethane	1.503	1.406	6.5	77	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.02
34 T	2-Butanone	0.473	0.435	8.0	82	0.02
35 T	Carbon Tetrachloride	0.565	0.523	7.4	74	0.02
36 T	Benzene	0.740	0.760	-2.7	93	0.02
37 T	1,2-Dichloroethane	0.476	0.406	14.7	78	0.02
38 T	Trichloroethene	0.420	0.343	18.3	70	0.02
39 T	1,2-Dichloropropane	0.289	0.290	-0.3	91	0.02
40 T	1,4-Dioxane	0.115	0.112	2.6	86	0.02
41 T	Tetrahydrofuran	0.273	0.303	-11.0	99	0.02
42 T	Bromodichloromethane	0.642	0.584	9.0	76	0.02
43	Methyl Methacrylate	0.272	0.316	-16.2	94	0.02
44 T	2,2,4-Trimethylpentane	1.231	1.255	-1.9	91	0.02
45 T	t-1,3-Dichloropropene	0.242	0.264	-9.1	81	0.02
46 T	cis-1,3-Dichloropropene	0.331	0.372	-12.4	85	0.02
47 T	1,1,2-Trichloroethane	0.305	0.306	-0.3	88	0.02
48 T	Dibromochloromethane	0.490	0.488	0.4	79	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.408	-8.2	81	0.02
50 T	4-Methyl-2-Pentanone	0.744	0.755	-1.5	86	0.02
51 T	2-Hexanone	0.564	0.587	-4.1	84	0.02
52 T	Tetrachloroethene	0.242	0.253	-4.5	89	0.02
53 T	Toluene	0.789	0.856	-8.5	90	0.02
54 T	1,2-Dibromoethane	0.319	0.380	-19.1	95	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.02
56	1,1,1,2-Tetrachloroethane	0.389	0.365	6.2	83	0.02
57 T	Chlorobenzene	0.682	0.621	8.9	85	0.02
58 T	Ethyl Benzene	1.116	1.116	0.0	86	0.02
59 T	m/p-Xylene	1.003	0.923	8.0	81	0.02
60 T	o-Xylene	0.952	0.879	7.7	80	0.02
61 T	Styrene	0.496	0.537	-8.3	86	0.02
62	Isopropylbenzene	1.370	1.353	1.2	89	0.02
63 T	1,1,2,2-Tetrachloroethane	0.346	0.490	-41.6#	132	0.02
64	n-propylbenzene	0.341	0.347	-1.8	89	0.02
65	tert-Butylbenzene	1.173	1.171	0.2	88	0.02
66 T	Benzyl Chloride	0.080	0.063	21.3	59	0.02
67	sec-Butylbenzene	1.663	1.645	1.1	87	0.02
68 S	1-Bromo-4-Fluorobenzene	0.831	0.733	11.8	80	0.02
69	p-Isopropyltoluene	1.307	1.333	-2.0	87	0.02
70	n-Butylbenzene	1.409	1.356	3.8	83	0.02
71	2-Chlorotoluene	1.054	1.010	4.2	85	0.02
72 T	4-Ethyltoluene	1.057	1.021	3.4	82	0.01
73 T	1,3,5-Trimethylbenzene	0.952	0.915	3.9	83	0.02
74 T	1,2,4-Trimethylbenzene	1.054	0.963	8.6	80	0.02
75 T	1,3-Dichlorobenzene	0.585	0.538	8.0	81	0.02
76 T	1,4-Dichlorobenzene	0.576	0.524	9.0	81	0.02
77 T	1,2-Dichlorobenzene	0.560	0.525	6.3	84	0.02
78 T	Hexachloro-1,3-Butadiene	0.410	0.361	12.0	89	0.02
79 T	Naphthalene	0.604	0.770	-27.5	94	0.02
80 T	Naphthalene,2-methyl-	0.203	0.212	-4.4	86	0.01
81 T	1,2,4-Trichlorobenzene	0.372	0.383	-3.0	90	0.03

(#) = Out of Range

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