

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040794.D
 Acq On : 25 Oct 2023 9:40
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 26 03:50:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 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	76	-0.02
2 T	Dichlorodifluoromethane	1.761	1.678	4.7	76	-0.02
3	Chlorodifluoromethane	1.470	1.647	-12.0	90	-0.02
4	Chloromethane	0.580	0.601	-3.6	82	-0.02
5 T	Vinyl Chloride	0.600	0.626	-4.3	85	-0.02
6 T	Bromomethane	0.248	0.279	-12.5	88	-0.02
7	Chloroethane	0.195	0.204	-4.6	80	-0.02
8 T	Dichlorotetrafluoroethane	1.335	1.477	-10.6	88	-0.02
9 T	Propene	0.546	0.573	-4.9	83	-0.02
10 T	Heptane	1.371	1.450	-5.8	86	-0.03
11 T	Trichlorofluoromethane	1.359	1.566	-15.2	92	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.969	1.124	-16.0	91	-0.02
13	Ethanol	0.123	0.115	6.5	79	-0.02
14 T	Bromoethene	0.415	0.473	-14.0	86	-0.02
15 T	Acetone	1.034	1.084	-4.8	87	-0.02
16 T	1,3-Butadiene	0.542	0.594	-9.6	82	-0.02
17	tert-Butyl alcohol	1.060	1.052	0.8	71	-0.02
18 T	1,1-Dichloroethene	0.434	0.495	-14.1	89	-0.02
19 T	Isopropyl Alcohol	0.665	0.762	-14.6	85	-0.02
20 T	Methylene Chloride	0.431	0.413	4.2	90	-0.02
21 T	Allyl Chloride	0.682	0.766	-12.3	83	-0.02
22 T	trans-1,2-Dichloroethene	0.462	0.543	-17.5	92	-0.02
23 T	Vinyl Acetate	1.317	1.315	0.2	79	-0.02
24 T	1,1-Dichloroethane	0.994	1.079	-8.6	87	-0.02
25 T	Ethyl Acetate	2.265	2.317	-2.3	82	-0.02
26 T	Hexane	1.035	1.008	2.6	81	-0.02
27 T	Carbon Disulfide	1.142	1.308	-14.5	87	-0.02
28 T	Methyl tert-Butyl Ether	0.805	0.784	2.6	77	-0.02
29 T	Chloroform	1.498	1.673	-11.7	90	-0.02
30 T	Cyclohexane	0.881	0.944	-7.2	86	-0.02
31 T	cis-1,2-Dichloroethene	0.954	0.861	9.7	71	-0.02
32 T	1,1,1-Trichloroethane	1.594	1.746	-9.5	91	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	-0.03
34 T	2-Butanone	0.453	0.429	5.3	87	-0.02
35 T	Carbon Tetrachloride	0.561	0.656	-16.9	93	-0.02
36 T	Benzene	0.769	0.812	-5.6	85	-0.03
37 T	1,2-Dichloroethane	0.394	0.474	-20.3	94	-0.02
38 T	Trichloroethene	0.340	0.331	2.6	89	-0.03
39 T	1,2-Dichloropropane	0.301	0.319	-6.0	85	-0.03
40 T	1,4-Dioxane	0.114	0.127	-11.4	88	-0.03
41 T	Tetrahydrofuran	0.313	0.333	-6.4	82	-0.02
42 T	Bromodichloromethane	0.590	0.694	-17.6	93	-0.03
43	Methyl Methacrylate	0.308	0.338	-9.7	85	-0.02
44 T	2,2,4-Trimethylpentane	1.301	1.332	-2.4	85	-0.02
45 T	t-1,3-Dichloropropene	0.246	0.289	-17.5	84	-0.03
46 T	cis-1,3-Dichloropropene	0.300	0.336	-12.0	84	-0.03
47 T	1,1,2-Trichloroethane	0.316	0.342	-8.2	88	-0.03
48 T	Dibromochloromethane	0.529	0.614	-16.1	90	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.489	-13.7	84	-0.03
50 T	4-Methyl-2-Pentanone	0.774	0.851	-9.9	87	-0.03
51 T	2-Hexanone	0.589	0.637	-8.1	84	-0.03
52 T	Tetrachloroethene	0.312	0.293	6.1	82	-0.03
53 T	Toluene	0.915	0.950	-3.8	86	-0.03
54 T	1,2-Dibromoethane	0.443	0.512	-15.6	91	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	-0.03
56	1,1,1,2-Tetrachloroethane	0.408	0.426	-4.4	88	-0.03
57 T	Chlorobenzene	0.716	0.722	-0.8	87	-0.03
58 T	Ethyl Benzene	1.259	1.261	-0.2	87	-0.03
59 T	m/p-Xylene	1.036	1.054	-1.7	89	-0.02
60 T	o-Xylene	0.987	0.999	-1.2	88	-0.03
61 T	Styrene	0.547	0.559	-2.2	84	-0.02
62	Isopropylbenzene	1.519	1.498	1.4	87	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.740	0.703	5.0	89	-0.03
64	n-propylbenzene	0.408	0.406	0.5	85	-0.02
65	tert-Butylbenzene	1.370	1.318	3.8	87	-0.03
66 T	Benzyl Chloride	0.138	0.118	14.5	57	-0.03
67	sec-Butylbenzene	1.876	1.856	1.1	88	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.736	0.747	-1.5	83	-0.03
69	p-Isopropyltoluene	1.572	1.539	2.1	87	-0.03
70	n-Butylbenzene	1.543	1.609	-4.3	91	-0.03
71	2-Chlorotoluene	1.141	1.174	-2.9	90	-0.03
72 T	4-Ethyltoluene	1.156	1.209	-4.6	87	-0.03
73 T	1,3,5-Trimethylbenzene	1.018	1.042	-2.4	87	-0.02
74 T	1,2,4-Trimethylbenzene	1.112	1.118	-0.5	88	-0.03
75 T	1,3-Dichlorobenzene	0.692	0.683	1.3	85	-0.03
76 T	1,4-Dichlorobenzene	0.685	0.672	1.9	85	-0.03
77 T	1,2-Dichlorobenzene	0.679	0.658	3.1	84	-0.03
78 T	Hexachloro-1,3-Butadiene	0.486	0.410	15.6	82	-0.04
79 T	Naphthalene	0.904	1.032	-14.2	88	-0.03
80 T	Naphthalene,2-methyl-	0.254	0.313	-23.2	79	-0.02
81 T	1,2,4-Trichlorobenzene	0.491	0.512	-4.3	86	-0.04

(#) = Out of Range

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