

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040807.D
 Acq On : 25 Oct 2023 19:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 26 03:54:29 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	77	-0.02
2 T	Dichlorodifluoromethane	1.761	2.060	-17.0	95	-0.01
3	Chlorodifluoromethane	1.470	1.634	-11.2	90	-0.01
4	Chloromethane	0.580	0.590	-1.7	82	-0.01
5 T	Vinyl Chloride	0.600	0.612	-2.0	84	-0.01
6 T	Bromomethane	0.248	0.254	-2.4	81	-0.02
7	Chloroethane	0.195	0.208	-6.7	82	-0.01
8 T	Dichlorotetrafluoroethane	1.335	1.490	-11.6	89	-0.01
9 T	Propene	0.546	0.561	-2.7	82	-0.01
10 T	Heptane	1.371	1.378	-0.5	82	-0.02
11 T	Trichlorofluoromethane	1.359	1.579	-16.2	93	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.969	1.051	-8.5	86	-0.02
13	Ethanol	0.123	0.097	21.1	67	-0.02
14 T	Bromoethene	0.415	0.469	-13.0	86	-0.01
15 T	Acetone	1.034	1.077	-4.2	87	-0.02
16 T	1,3-Butadiene	0.542	0.597	-10.1	83	-0.01
17	tert-Butyl alcohol	1.060	0.994	6.2	68	-0.02
18 T	1,1-Dichloroethene	0.434	0.475	-9.4	87	-0.02
19 T	Isopropyl Alcohol	0.665	0.712	-7.1	81	-0.02
20 T	Methylene Chloride	0.431	0.379	12.1	83	-0.02
21 T	Allyl Chloride	0.682	0.687	-0.7	75	-0.02
22 T	trans-1,2-Dichloroethene	0.462	0.487	-5.4	83	-0.02
23 T	Vinyl Acetate	1.317	1.224	7.1	75	-0.02
24 T	1,1-Dichloroethane	0.994	1.005	-1.1	82	-0.02
25 T	Ethyl Acetate	2.265	2.365	-4.4	85	-0.02
26 T	Hexane	1.035	1.004	3.0	81	-0.02
27 T	Carbon Disulfide	1.142	1.196	-4.7	80	-0.02
28 T	Methyl tert-Butyl Ether	0.805	0.717	10.9	71	-0.02
29 T	Chloroform	1.498	1.708	-14.0	93	-0.02
30 T	Cyclohexane	0.881	0.877	0.5	81	-0.02
31 T	cis-1,2-Dichloroethene	0.954	1.052	-10.3	87	-0.02
32 T	1,1,1-Trichloroethane	1.594	1.696	-6.4	89	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	-0.02
34 T	2-Butanone	0.453	0.528	-16.6	100	-0.02
35 T	Carbon Tetrachloride	0.561	0.699	-24.6	92	-0.02
36 T	Benzene	0.769	0.848	-10.3	82	-0.02
37 T	1,2-Dichloroethane	0.394	0.499	-26.6	92	-0.02
38 T	Trichloroethene	0.340	0.329	3.2	82	-0.03
39 T	1,2-Dichloropropane	0.301	0.330	-9.6	81	-0.02
40 T	1,4-Dioxane	0.114	0.133	-16.7	86	-0.02
41 T	Tetrahydrofuran	0.313	0.345	-10.2	79	-0.02
42 T	Bromodichloromethane	0.590	0.737	-24.9	91	-0.02
43	Methyl Methacrylate	0.308	0.355	-15.3	83	-0.02
44 T	2,2,4-Trimethylpentane	1.301	1.392	-7.0	82	-0.02
45 T	t-1,3-Dichloropropene	0.246	0.253	-2.8	68	-0.02
46 T	cis-1,3-Dichloropropene	0.300	0.303	-1.0	70	-0.03
47 T	1,1,2-Trichloroethane	0.316	0.356	-12.7	85	-0.03
48 T	Dibromochloromethane	0.529	0.630	-19.1	86	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.508	-18.1	81	-0.03
50 T	4-Methyl-2-Pentanone	0.774	0.898	-16.0	85	-0.02
51 T	2-Hexanone	0.589	0.680	-15.4	84	-0.03
52 T	Tetrachloroethene	0.312	0.298	4.5	77	-0.03
53 T	Toluene	0.915	0.980	-7.1	82	-0.02
54 T	1,2-Dibromoethane	0.443	0.512	-15.6	84	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	71	-0.03
56	1,1,1,2-Tetrachloroethane	0.408	0.448	-9.8	85	-0.03
57 T	Chlorobenzene	0.716	0.749	-4.6	83	-0.03
58 T	Ethyl Benzene	1.259	1.334	-6.0	84	-0.03
59 T	m/p-Xylene	1.036	1.123	-8.4	87	-0.02
60 T	o-Xylene	0.987	1.061	-7.5	86	-0.03
61 T	Styrene	0.547	0.574	-4.9	79	-0.03
62	Isopropylbenzene	1.519	1.562	-2.8	83	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.740	0.761	-2.8	88	-0.03
64	n-propylbenzene	0.408	0.410	-0.5	79	-0.03
65	tert-Butylbenzene	1.370	1.373	-0.2	83	-0.03
66 T	Benzyl Chloride	0.138	0.083	39.9#	37	-0.03
67	sec-Butylbenzene	1.876	1.931	-2.9	84	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.736	0.772	-4.9	78	-0.03
69	p-Isopropyltoluene	1.572	1.585	-0.8	82	-0.03
70	n-Butylbenzene	1.543	1.697	-10.0	88	-0.03
71	2-Chlorotoluene	1.141	1.238	-8.5	87	-0.03
72 T	4-Ethyltoluene	1.156	1.256	-8.7	83	-0.03
73 T	1,3,5-Trimethylbenzene	1.018	1.081	-6.2	83	-0.03
74 T	1,2,4-Trimethylbenzene	1.112	1.166	-4.9	84	-0.03
75 T	1,3-Dichlorobenzene	0.692	0.694	-0.3	79	-0.03
76 T	1,4-Dichlorobenzene	0.685	0.682	0.4	79	-0.03
77 T	1,2-Dichlorobenzene	0.679	0.666	1.9	78	-0.03
78 T	Hexachloro-1,3-Butadiene	0.486	0.410	15.6	75	-0.04
79 T	Naphthalene	0.904	1.005	-11.2	78	-0.04
80 T	Naphthalene,2-methyl-	0.254	0.265	-4.3	62	-0.02
81 T	1,2,4-Trichlorobenzene	0.491	0.512	-4.3	79	-0.04

(#) = Out of Range

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