

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039885.D
 Acq On : 11 Nov 2022 11:06
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 11 11:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 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	92	0.02
2 T	Dichlorodifluoromethane	1.688	1.661	1.6	99	0.01
3	Chlorodifluoromethane	1.192	1.245	-4.4	94	0.01
4	Chloromethane	0.742	0.711	4.2	85	0.01
5 T	Vinyl Chloride	0.601	0.584	2.8	81	0.01
6 T	Bromomethane	0.214	0.205	4.2	84	0.01
7	Chloroethane	0.225	0.192	14.7	75	0.01
8 T	Dichlorotetrafluoroethane	1.439	1.445	-0.4	92	0.01
9 T	Propene	0.621	0.504	18.8	74	0.01
10 T	Heptane	1.488	1.262	15.2	76	0.02
11 T	Trichlorofluoromethane	1.377	1.554	-12.9	101	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.994	1.048	-5.4	92	0.02
13	Ethanol	0.044	0.030#	31.8#	72	0.02
14 T	Bromoethene	0.445	0.438	1.6	87	0.01
15 T	Acetone	1.217	1.055	13.3	90	0.01
16 T	1,3-Butadiene	0.566	0.542	4.2	84	0.01
17	tert-Butyl alcohol	1.159	0.915	21.1	66	0.02
18 T	1,1-Dichloroethene	0.456	0.453	0.7	87	0.01
19 T	Isopropyl Alcohol	0.602	0.496	17.6	71	0.02
20 T	Methylene Chloride	0.435	0.418	3.9	92	0.01
21 T	Allyl Chloride	0.770	0.657	14.7	73	0.02
22 T	trans-1,2-Dichloroethene	0.463	0.475	-2.6	88	0.02
23 T	Vinyl Acetate	0.485	0.368	24.1	70	0.02
24 T	1,1-Dichloroethane	0.990	0.971	1.9	87	0.02
25 T	Ethyl Acetate	2.507	2.280	9.1	80	0.02
26 T	Hexane	1.118	0.936	16.3	77	0.02
27 T	Carbon Disulfide	1.174	1.127	4.0	80	0.01
28 T	Methyl tert-Butyl Ether	1.012	0.905	10.6	80	0.02
29 T	Chloroform	1.572	1.573	-0.1	88	0.02
30 T	Cyclohexane	0.935	0.725	22.5	70	0.02
31 T	cis-1,2-Dichloroethene	1.019	1.019	0.0	87	0.02
32 T	1,1,1-Trichloroethane	1.565	1.537	1.8	85	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.02
34 T	2-Butanone	0.413	0.491	-18.9	80	0.02
35 T	Carbon Tetrachloride	0.583	0.735	-26.1	84	0.02
36 T	Benzene	0.844	0.866	-2.6	70	0.02
37 T	1,2-Dichloroethane	0.405	0.637	-57.3#	104	0.02
38 T	Trichloroethene	0.452	0.468	-3.5	71	0.02
39 T	1,2-Dichloropropane	0.329	0.365	-10.9	76	0.02
40 T	1,4-Dioxane	0.126	0.126	0.0	65	0.02
41 T	Tetrahydrofuran	0.345	0.366	-6.1	72	0.02
42 T	Bromodichloromethane	0.646	0.841	-30.2#	88	0.02
43	Methyl Methacrylate	0.333	0.371	-11.4	74	0.02
44 T	2,2,4-Trimethylpentane	1.424	1.554	-9.1	77	0.02
45 T	t-1,3-Dichloropropene	0.319	0.361	-13.2	69	0.02
46 T	cis-1,3-Dichloropropene	0.436	0.485	-11.2	71	0.02
47 T	1,1,2-Trichloroethane	0.333	0.358	-7.5	74	0.02
48 T	Dibromochloromethane	0.567	0.639	-12.7	76	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.503	-10.3	72	0.02
50 T	4-Methyl-2-Pentanone	0.845	1.013	-19.9	81	0.02
51 T	2-Hexanone	0.659	0.819	-24.3	82	0.02
52 T	Tetrachloroethene	0.316	0.287	9.2	65	0.02
53 T	Toluene	0.968	0.981	-1.3	70	0.02
54 T	1,2-Dibromoethane	0.369	0.429	-16.3	75	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.02
56	1,1,1,2-Tetrachloroethane	0.428	0.443	-3.5	73	0.02
57 T	Chlorobenzene	0.759	0.762	-0.4	70	0.02
58 T	Ethyl Benzene	1.352	1.437	-6.3	74	0.02
59 T	m/p-Xylene	1.129	1.228	-8.8	78	0.02
60 T	o-Xylene	1.069	1.194	-11.7	79	0.02
61 T	Styrene	0.658	0.663	-0.8	68	0.02
62	Isopropylbenzene	1.560	1.655	-6.1	76	0.02
63 T	1,1,2,2-Tetrachloroethane	0.398	0.428	-7.5	79	0.02
64	n-propylbenzene	0.417	0.414	0.7	69	0.02
65	tert-Butylbenzene	1.370	1.439	-5.0	76	0.02
66 T	Benzyl Chloride	0.159	0.080	49.7#	31	0.02
67	sec-Butylbenzene	1.864	2.062	-10.6	79	0.02
68 S	1-Bromo-4-Fluorobenzene	0.748	0.869	-16.2	83	0.02
69	p-Isopropyltoluene	1.546	1.648	-6.6	76	0.02
70	n-Butylbenzene	1.495	1.854	-24.0	87	0.02
71	2-Chlorotoluene	1.172	1.329	-13.4	80	0.02
72 T	4-Ethyltoluene	1.204	1.346	-11.8	76	0.02
73 T	1,3,5-Trimethylbenzene	1.067	1.207	-13.1	77	0.02
74 T	1,2,4-Trimethylbenzene	1.134	1.297	-14.4	80	0.02
75 T	1,3-Dichlorobenzene	0.662	0.712	-7.6	74	0.02
76 T	1,4-Dichlorobenzene	0.650	0.694	-6.8	74	0.02
77 T	1,2-Dichlorobenzene	0.624	0.683	-9.5	75	0.02
78 T	Hexachloro-1,3-Butadiene	0.462	0.424	8.2	73	0.02
79 T	Naphthalene	0.825	0.879	-6.5	74	0.02
80 T	Naphthalene,2-methyl-	0.350	0.290	17.1	55	0.02
81 T	1,2,4-Trichlorobenzene	0.461	0.475	-3.0	75	0.02

(#) = Out of Range

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