

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039866.D
 Acq On : 10 Nov 2022 15:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 11 04:54:09 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	106	0.00
2 T	Dichlorodifluoromethane	1.688	1.256	25.6	86	0.00
3	Chlorodifluoromethane	1.192	1.109	7.0	96	0.00
4	Chloromethane	0.742	0.644	13.2	88	0.00
5 T	Vinyl Chloride	0.601	0.559	7.0	89	0.00
6 T	Bromomethane	0.214	0.183	14.5	86	0.00
7	Chloroethane	0.225	0.186	17.3	83	0.00
8 T	Dichlorotetrafluoroethane	1.439	1.309	9.0	95	0.00
9 T	Propene	0.621	0.490	21.1	83	0.00
10 T	Heptane	1.488	1.247	16.2	86	0.00
11 T	Trichlorofluoromethane	1.377	1.380	-0.2	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	0.955	3.9	96	0.00
13	Ethanol	0.044	0.029#	34.1#	78	0.00
14 T	Bromoethene	0.445	0.415	6.7	95	0.00
15 T	Acetone	1.217	0.863	29.1	84	0.00
16 T	1,3-Butadiene	0.566	0.489	13.6	87	0.00
17	tert-Butyl alcohol	1.159	0.898	22.5	75	0.00
18 T	1,1-Dichloroethene	0.456	0.418	8.3	92	0.00
19 T	Isopropyl Alcohol	0.602	0.483	19.8	79	0.00
20 T	Methylene Chloride	0.435	0.366	15.9	92	0.00
21 T	Allyl Chloride	0.770	0.625	18.8	79	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.464	-0.2	99	0.00
23 T	Vinyl Acetate	0.485	0.352	27.4	76	0.00
24 T	1,1-Dichloroethane	0.990	0.878	11.3	90	0.00
25 T	Ethyl Acetate	2.507	2.139	14.7	86	0.00
26 T	Hexane	1.118	0.921	17.6	86	0.00
27 T	Carbon Disulfide	1.174	1.072	8.7	87	0.00
28 T	Methyl tert-Butyl Ether	1.012	0.838	17.2	85	0.00
29 T	Chloroform	1.572	1.488	5.3	95	0.00
30 T	Cyclohexane	0.935	0.734	21.5	81	0.00
31 T	cis-1,2-Dichloroethene	1.019	0.949	6.9	93	0.00
32 T	1,1,1-Trichloroethane	1.565	1.482	5.3	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.413	0.422	-2.2	86	0.00
35 T	Carbon Tetrachloride	0.583	0.633	-8.6	90	0.00
36 T	Benzene	0.844	0.815	3.4	82	0.00
37 T	1,2-Dichloroethane	0.405	0.521	-28.6	106	0.00
38 T	Trichloroethene	0.452	0.434	4.0	82	0.00
39 T	1,2-Dichloropropane	0.329	0.337	-2.4	88	0.00
40 T	1,4-Dioxane	0.126	0.114	9.5	74	0.00
41 T	Tetrahydrofuran	0.345	0.334	3.2	82	0.00
42 T	Bromodichloromethane	0.646	0.719	-11.3	93	0.00
43	Methyl Methacrylate	0.333	0.333	0.0	83	0.00
44 T	2,2,4-Trimethylpentane	1.424	1.402	1.5	86	0.00
45 T	t-1,3-Dichloropropene	0.319	0.329	-3.1	78	0.00
46 T	cis-1,3-Dichloropropene	0.436	0.439	-0.7	80	0.00
47 T	1,1,2-Trichloroethane	0.333	0.326	2.1	84	0.00
48 T	Dibromochloromethane	0.567	0.560	1.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.447	2.0	80	0.00
50 T	4-Methyl-2-Pentanone	0.845	0.873	-3.3	87	0.00
51 T	2-Hexanone	0.659	0.704	-6.8	88	0.00
52 T	Tetrachloroethene	0.316	0.263	16.8	74	0.00
53 T	Toluene	0.968	0.901	6.9	80	0.00
54 T	1,2-Dibromoethane	0.369	0.385	-4.3	84	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.385	10.0	82	0.00
57 T	Chlorobenzene	0.759	0.652	14.1	78	0.00
58 T	Ethyl Benzene	1.352	1.235	8.7	83	0.00
59 T	m/p-Xylene	1.129	1.042	7.7	86	0.00
60 T	o-Xylene	1.069	0.999	6.5	86	0.00
61 T	Styrene	0.658	0.583	11.4	77	0.00
62	Isopropylbenzene	1.560	1.405	9.9	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.398	0.363	8.8	87	0.00
64	n-propylbenzene	0.417	0.354	15.1	77	0.00
65	tert-Butylbenzene	1.370	1.205	12.0	83	0.00
66 T	Benzyl Chloride	0.159	0.069	56.6#	34	0.00
67	sec-Butylbenzene	1.864	1.741	6.6	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.776	-3.7	97	0.00
69	p-Isopropyltoluene	1.546	1.370	11.4	82	0.00
70	n-Butylbenzene	1.495	1.489	0.4	91	0.00
71	2-Chlorotoluene	1.172	1.118	4.6	87	0.00
72 T	4-Ethyltoluene	1.204	1.114	7.5	82	0.00
73 T	1,3,5-Trimethylbenzene	1.067	1.009	5.4	84	0.00
74 T	1,2,4-Trimethylbenzene	1.134	1.064	6.2	86	0.00
75 T	1,3-Dichlorobenzene	0.662	0.591	10.7	79	0.00
76 T	1,4-Dichlorobenzene	0.650	0.568	12.6	79	0.00
77 T	1,2-Dichlorobenzene	0.624	0.577	7.5	83	0.00
78 T	Hexachloro-1,3-Butadiene	0.462	0.349	24.5	78	0.00
79 T	Naphthalene	0.825	0.724	12.2	79	0.00
80 T	Naphthalene,2-methyl-	0.350	0.263	24.9	65	0.00
81 T	1,2,4-Trichlorobenzene	0.461	0.397	13.9	81	0.00

(#) = Out of Range

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