

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039832.D
 Acq On : 7 Nov 2022 9:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 08 06:04:18 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	107	0.00
2 T	Dichlorodifluoromethane	1.688	1.186	29.7	83	0.00
3	Chlorodifluoromethane	1.192	1.125	5.6	99	0.00
4	Chloromethane	0.742	0.679	8.5	95	0.00
5 T	Vinyl Chloride	0.601	0.592	1.5	96	0.00
6 T	Bromomethane	0.214	0.208	2.8	99	0.00
7	Chloroethane	0.225	0.201	10.7	92	0.00
8 T	Dichlorotetrafluoroethane	1.439	1.344	6.6	99	0.00
9 T	Propene	0.621	0.555	10.6	95	0.00
10 T	Heptane	1.488	1.365	8.3	96	0.00
11 T	Trichlorofluoromethane	1.377	1.345	2.3	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	0.931	6.3	95	0.00
13	Ethanol	0.044	0.038#	13.6	106	0.00
14 T	Bromoethene	0.445	0.422	5.2	98	0.00
15 T	Acetone	1.217	0.933	23.3	93	0.00
16 T	1,3-Butadiene	0.566	0.531	6.2	96	0.00
17	tert-Butyl alcohol	1.159	1.033	10.9	87	0.00
18 T	1,1-Dichloroethene	0.456	0.438	3.9	98	0.00
19 T	Isopropyl Alcohol	0.602	0.540	10.3	90	0.00
20 T	Methylene Chloride	0.435	0.328	24.6	84	0.00
21 T	Allyl Chloride	0.770	0.678	11.9	87	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.436	5.8	94	0.00
23 T	Vinyl Acetate	0.485	0.395	18.6	87	0.00
24 T	1,1-Dichloroethane	0.990	0.856	13.5	89	0.00
25 T	Ethyl Acetate	2.507	2.317	7.6	95	0.00
26 T	Hexane	1.118	1.000	10.6	95	0.00
27 T	Carbon Disulfide	1.174	1.126	4.1	93	0.00
28 T	Methyl tert-Butyl Ether	1.012	0.875	13.5	90	0.00
29 T	Chloroform	1.572	1.584	-0.8	103	0.00
30 T	Cyclohexane	0.935	0.872	6.7	98	0.00
31 T	cis-1,2-Dichloroethene	1.019	1.000	1.9	100	0.00
32 T	1,1,1-Trichloroethane	1.565	1.625	-3.8	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.413	0.352	14.8	85	0.00
35 T	Carbon Tetrachloride	0.583	0.609	-4.5	102	0.00
36 T	Benzene	0.844	0.820	2.8	98	0.00
37 T	1,2-Dichloroethane	0.405	0.441	-8.9	106	0.00
38 T	Trichloroethene	0.452	0.438	3.1	98	0.00
39 T	1,2-Dichloropropane	0.329	0.318	3.3	98	0.00
40 T	1,4-Dioxane	0.126	0.125	0.8	96	0.00
41 T	Tetrahydrofuran	0.345	0.325	5.8	95	0.00
42 T	Bromodichloromethane	0.646	0.656	-1.5	101	0.00
43	Methyl Methacrylate	0.333	0.322	3.3	95	0.00
44 T	2,2,4-Trimethylpentane	1.424	1.327	6.8	97	0.00
45 T	t-1,3-Dichloropropene	0.319	0.331	-3.8	94	0.00
46 T	cis-1,3-Dichloropropene	0.436	0.437	-0.2	94	0.00
47 T	1,1,2-Trichloroethane	0.333	0.329	1.2	101	0.00
48 T	Dibromochloromethane	0.567	0.549	3.2	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.411	9.9	87	0.01
50 T	4-Methyl-2-Pentanone	0.845	0.822	2.7	97	0.00
51 T	2-Hexanone	0.659	0.647	1.8	96	0.00
52 T	Tetrachloroethene	0.316	0.278	12.0	93	0.00
53 T	Toluene	0.968	0.923	4.6	97	0.00
54 T	1,2-Dibromoethane	0.369	0.386	-4.6	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.385	10.0	95	0.00
57 T	Chlorobenzene	0.759	0.676	10.9	94	0.01
58 T	Ethyl Benzene	1.352	1.233	8.8	96	0.00
59 T	m/p-Xylene	1.129	1.004	11.1	96	0.00
60 T	o-Xylene	1.069	0.956	10.6	96	0.00
61 T	Styrene	0.658	0.596	9.4	92	0.00
62	Isopropylbenzene	1.560	1.348	13.6	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.398	0.330	17.1	92	0.00
64	n-propylbenzene	0.417	0.349	16.3	88	0.00
65	tert-Butylbenzene	1.370	1.104	19.4	89	0.00
66 T	Benzyl Chloride	0.159	0.116	27.0	68	0.00
67	sec-Butylbenzene	1.864	1.562	16.2	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.765	-2.3	111	0.00
69	p-Isopropyltoluene	1.546	1.243	19.6	86	0.00
70	n-Butylbenzene	1.495	1.290	13.7	92	0.00
71	2-Chlorotoluene	1.172	1.022	12.8	93	0.00
72 T	4-Ethyltoluene	1.204	1.067	11.4	91	0.00
73 T	1,3,5-Trimethylbenzene	1.067	0.939	12.0	91	0.00
74 T	1,2,4-Trimethylbenzene	1.134	0.970	14.5	91	0.00
75 T	1,3-Dichlorobenzene	0.662	0.546	17.5	86	0.00
76 T	1,4-Dichlorobenzene	0.650	0.528	18.8	85	0.00
77 T	1,2-Dichlorobenzene	0.624	0.519	16.8	87	0.00
78 T	Hexachloro-1,3-Butadiene	0.462	0.356	22.9	93	0.00
79 T	Naphthalene	0.825	0.807	2.2	103	0.00
80 T	Naphthalene,2-methyl-	0.350	0.283	19.1	82	0.00
81 T	1,2,4-Trichlorobenzene	0.461	0.417	9.5	99	0.00

(#) = Out of Range

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