

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039785.D
 Acq On : 25 Oct 2022 9:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 25 15:03:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 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	98	0.00
2 T	Dichlorodifluoromethane	1.047	1.054	-0.7	129	0.00
3	Chlorodifluoromethane	1.201	1.162	3.2	98	0.00
4	Chloromethane	0.752	0.633	15.8	86	0.00
5 T	Vinyl Chloride	0.624	0.579	7.2	93	0.00
6 T	Bromomethane	0.224	0.236	-5.4	105	0.00
7	Chloroethane	0.224	0.208	7.1	92	0.00
8 T	Dichlorotetrafluoroethane	1.367	1.377	-0.7	105	0.00
9 T	Propene	0.516	0.542	-5.0	102	0.00
10 T	Heptane	1.236	1.313	-6.2	96	0.00
11 T	Trichlorofluoromethane	1.463	1.366	6.6	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.135	1.041	8.3	90	0.00
13	Ethanol	0.037	0.028#	24.3	74	0.00
14 T	Bromoethene	0.450	0.411	8.7	90	0.00
15 T	Acetone	1.194	1.039	13.0	94	0.00
16 T	1,3-Butadiene	0.590	0.583	1.2	97	0.00
17	tert-Butyl alcohol	0.974	0.961	1.3	88	0.00
18 T	1,1-Dichloroethene	0.499	0.459	8.0	91	0.00
19 T	Isopropyl Alcohol	0.560	0.534	4.6	85	0.00
20 T	Methylene Chloride	0.454	0.377	17.0	89	0.00
21 T	Allyl Chloride	0.773	0.706	8.7	89	0.00
22 T	trans-1,2-Dichloroethene	0.519	0.449	13.5	85	0.00
23 T	Vinyl Acetate	0.460	0.249	45.9#	56	0.00
24 T	1,1-Dichloroethane	1.072	1.007	6.1	94	0.00
25 T	Ethyl Acetate	2.335	2.620	-12.2	106	0.00
26 T	Hexane	0.971	0.962	0.9	93	0.00
27 T	Carbon Disulfide	1.153	1.067	7.5	83	0.00
28 T	Methyl tert-Butyl Ether	0.845	0.825	2.4	91	0.00
29 T	Chloroform	1.526	1.413	7.4	92	0.00
30 T	Cyclohexane	0.796	0.788	1.0	92	0.00
31 T	cis-1,2-Dichloroethene	0.937	0.905	3.4	94	0.00
32 T	1,1,1-Trichloroethane	1.385	1.371	1.0	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.470	0.450	4.3	93	0.00
35 T	Carbon Tetrachloride	0.570	0.545	4.4	89	0.00
36 T	Benzene	0.770	0.769	0.1	93	0.00
37 T	1,2-Dichloroethane	0.418	0.401	4.1	92	0.00
38 T	Trichloroethene	0.435	0.346	20.5	73	0.00
39 T	1,2-Dichloropropane	0.297	0.294	1.0	94	0.00
40 T	1,4-Dioxane	0.101	0.109	-7.9	104	0.00
41 T	Tetrahydrofuran	0.292	0.315	-7.9	92	0.00
42 T	Bromodichloromethane	0.589	0.577	2.0	90	0.00
43	Methyl Methacrylate	0.268	0.312	-16.4	96	0.00
44 T	2,2,4-Trimethylpentane	1.288	1.316	-2.2	95	0.00
45 T	t-1,3-Dichloropropene	0.228	0.213	6.6	71	0.00
46 T	cis-1,3-Dichloropropene	0.327	0.324	0.9	78	0.00
47 T	1,1,2-Trichloroethane	0.318	0.314	1.3	93	0.00
48 T	Dibromochloromethane	0.511	0.505	1.2	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.417	0.420	-0.7	87	0.00
50 T	4-Methyl-2-Pentanone	0.738	0.817	-10.7	94	0.00
51 T	2-Hexanone	0.540	0.613	-13.5	93	0.00
52 T	Tetrachloroethene	0.288	0.279	3.1	90	0.00
53 T	Toluene	0.807	0.884	-9.5	92	0.00
54 T	1,2-Dibromoethane	0.322	0.395	-22.7	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.423	0.423	0.0	96	0.00
57 T	Chlorobenzene	0.767	0.697	9.1	90	0.00
58 T	Ethyl Benzene	1.139	1.238	-8.7	93	0.00
59 T	m/p-Xylene	1.028	1.037	-0.9	92	0.00
60 T	o-Xylene	0.964	1.007	-4.5	93	0.00
61 T	Styrene	0.506	0.573	-13.2	88	0.00
62	Isopropylbenzene	1.473	1.547	-5.0	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.406	0.578	-42.4#	153#	0.00
64	n-propylbenzene	0.373	0.395	-5.9	99	0.00
65	tert-Butylbenzene	1.284	1.369	-6.6	100	0.00
66 T	Benzyl Chloride	0.091	0.057	37.4#	53	0.00
67	sec-Butylbenzene	1.808	1.939	-7.2	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.711	0.714	-0.4	97	0.00
69	p-Isopropyltoluene	1.463	1.606	-9.8	101	0.00
70	n-Butylbenzene	1.398	1.586	-13.4	103	0.00
71	2-Chlorotoluene	1.023	1.126	-10.1	99	0.00
72 T	4-Ethyltoluene	1.111	1.197	-7.7	96	0.00
73 T	1,3,5-Trimethylbenzene	0.994	1.074	-8.0	95	0.00
74 T	1,2,4-Trimethylbenzene	1.126	1.148	-2.0	97	0.00
75 T	1,3-Dichlorobenzene	0.683	0.664	2.8	93	0.00
76 T	1,4-Dichlorobenzene	0.652	0.627	3.8	91	0.00
77 T	1,2-Dichlorobenzene	0.651	0.648	0.5	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.496	0.457	7.9	103	0.00
79 T	Naphthalene	0.688	0.819	-19.0	95	0.00
80 T	Naphthalene,2-methyl-	0.234	0.179	23.5	63	0.00
81 T	1,2,4-Trichlorobenzene	0.455	0.466	-2.4	95	0.00

(#) = Out of Range

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