

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039519.D
 Acq On : 25 Jul 2022 12:28
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 26 08:05:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 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	80	0.03
2 T	Dichlorodifluoromethane	1.442	1.131	21.6	75	0.01
3	Chlorodifluoromethane	1.269	1.241	2.2	89	0.02
4	Chloromethane	0.694	0.689	0.7	88	0.02
5 T	Vinyl Chloride	0.684	0.642	6.1	90	0.02
6 T	Bromomethane	0.288	0.297	-3.1	91	0.02
7	Chloroethane	0.243	0.249	-2.5	91	0.02
8 T	Dichlorotetrafluoroethane	1.576	1.544	2.0	87	0.01
9 T	Propene	0.573	0.521	9.1	84	0.01
10 T	Heptane	1.342	1.406	-4.8	87	0.03
11 T	Trichlorofluoromethane	1.607	1.652	-2.8	92	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.218	-1.7	90	0.02
13	Ethanol	0.033	0.040#	-21.2	110	0.00
14 T	Bromoethene	0.504	0.508	-0.8	88	0.02
15 T	Acetone	1.183	1.241	-4.9	93	0.02
16 T	1,3-Butadiene	0.614	0.628	-2.3	88	0.02
17	tert-Butyl alcohol	1.004	1.154	-14.9	92	0.02
18 T	1,1-Dichloroethene	0.543	0.563	-3.7	91	0.02
19 T	Isopropyl Alcohol	0.631	0.673	-6.7	90	0.02
20 T	Methylene Chloride	0.472	0.469	0.6	93	0.02
21 T	Allyl Chloride	0.819	0.852	-4.0	91	0.02
22 T	trans-1,2-Dichloroethene	0.525	0.543	-3.4	86	0.02
23 T	Vinyl Acetate	0.791	0.945	-19.5	100	0.02
24 T	1,1-Dichloroethane	1.117	1.273	-14.0	102	0.02
25 T	Ethyl Acetate	2.426	2.571	-6.0	90	0.02
26 T	Hexane	0.978	1.106	-13.1	91	0.02
27 T	Carbon Disulfide	1.180	1.343	-13.8	92	0.02
28 T	Methyl tert-Butyl Ether	1.046	1.220	-16.6	109	0.02
29 T	Chloroform	1.700	1.795	-5.6	92	0.02
30 T	Cyclohexane	0.890	0.939	-5.5	89	0.03
31 T	cis-1,2-Dichloroethene	1.038	1.093	-5.3	90	0.02
32 T	1,1,1-Trichloroethane	1.678	1.816	-8.2	93	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.03
34 T	2-Butanone	0.503	0.543	-8.0	88	0.02
35 T	Carbon Tetrachloride	0.618	0.694	-12.3	92	0.03
36 T	Benzene	0.774	0.820	-5.9	90	0.03
37 T	1,2-Dichloroethane	0.457	0.500	-9.4	94	0.02
38 T	Trichloroethene	0.419	0.438	-4.5	90	0.03
39 T	1,2-Dichloropropane	0.289	0.306	-5.9	89	0.03
40 T	1,4-Dioxane	0.115	0.123	-7.0	88	0.03
41 T	Tetrahydrofuran	0.292	0.303	-3.8	84	0.03
42 T	Bromodichloromethane	0.616	0.691	-12.2	92	0.03
43	Methyl Methacrylate	0.294	0.331	-12.6	89	0.02
44 T	2,2,4-Trimethylpentane	1.312	1.366	-4.1	89	0.03
45 T	t-1,3-Dichloropropene	0.262	0.353	-34.7#	90	0.03
46 T	cis-1,3-Dichloropropene	0.361	0.450	-24.7	89	0.03
47 T	1,1,2-Trichloroethane	0.324	0.349	-7.7	90	0.03
48 T	Dibromochloromethane	0.516	0.626	-21.3	92	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.528	-26.9	92	0.03
50 T	4-Methyl-2-Pentanone	0.761	0.857	-12.6	89	0.03
51 T	2-Hexanone	0.576	0.658	-14.2	86	0.03
52 T	Tetrachloroethene	0.312	0.316	-1.3	88	0.03
53 T	Toluene	0.893	0.994	-11.3	89	0.03
54 T	1,2-Dibromoethane	0.404	0.459	-13.6	88	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.03
56	1,1,1,2-Tetrachloroethane	0.442	0.463	-4.8	92	0.03
57 T	Chlorobenzene	0.775	0.790	-1.9	91	0.03
58 T	Ethyl Benzene	1.291	1.362	-5.5	89	0.03
59 T	m/p-Xylene	1.138	1.192	-4.7	91	0.03
60 T	o-Xylene	1.078	1.135	-5.3	90	0.03
61 T	Styrene	0.584	0.682	-16.8	90	0.03
62	Isopropylbenzene	1.642	1.702	-3.7	92	0.03
63 T	1,1,2,2-Tetrachloroethane	0.565	0.528	6.5	89	0.03
64	n-propylbenzene	0.416	0.445	-7.0	90	0.03
65	tert-Butylbenzene	1.517	1.569	-3.4	92	0.03
66 T	Benzyl Chloride	0.144	0.202	-40.3#	93	0.03
67	sec-Butylbenzene	2.043	2.146	-5.0	92	0.03
68 S	1-Bromo-4-Fluorobenzene	0.742	0.749	-0.9	83	0.03
69	p-Isopropyltoluene	1.734	1.858	-7.2	92	0.03
70	n-Butylbenzene	1.683	1.820	-8.1	92	0.03
71	2-Chlorotoluene	1.175	1.241	-5.6	91	0.03
72 T	4-Ethyltoluene	1.267	1.406	-11.0	93	0.03
73 T	1,3,5-Trimethylbenzene	1.164	1.270	-9.1	92	0.03
74 T	1,2,4-Trimethylbenzene	1.288	1.378	-7.0	92	0.03
75 T	1,3-Dichlorobenzene	0.768	0.826	-7.6	92	0.03
76 T	1,4-Dichlorobenzene	0.761	0.805	-5.8	93	0.03
77 T	1,2-Dichlorobenzene	0.761	0.803	-5.5	91	0.03
78 T	Hexachloro-1,3-Butadiene	0.612	0.574	6.2	91	0.03
79 T	Naphthalene	0.886	1.140	-28.7	92	0.04
80 T	Naphthalene,2-methyl-	0.302	0.429	-42.1#	99	0.03
81 T	1,2,4-Trichlorobenzene	0.577	0.639	-10.7	91	0.04

(#) = Out of Range

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