

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039442.D
 Acq On : 12 Jul 2022 10:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 13 09:50:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	96	0.03
2 T	Dichlorodifluoromethane	1.442	1.480	-2.6	116	0.02
3	Chlorodifluoromethane	1.269	1.238	2.4	106	0.02
4	Chloromethane	0.694	0.687	1.0	105	0.02
5 T	Vinyl Chloride	0.684	0.674	1.5	112	0.02
6 T	Bromomethane	0.288	0.291	-1.0	105	0.02
7	Chloroethane	0.243	0.247	-1.6	107	0.03
8 T	Dichlorotetrafluoroethane	1.576	1.610	-2.2	108	0.02
9 T	Propene	0.573	0.558	2.6	107	0.02
10 T	Heptane	1.342	1.419	-5.7	104	0.03
11 T	Trichlorofluoromethane	1.607	1.576	1.9	104	0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.170	2.3	103	0.03
13	Ethanol	0.033	0.041#	-24.2	133	0.03
14 T	Bromoethene	0.504	0.510	-1.2	105	0.03
15 T	Acetone	1.183	1.173	0.8	105	0.03
16 T	1,3-Butadiene	0.614	0.644	-4.9	108	0.02
17	tert-Butyl alcohol	1.004	1.139	-13.4	108	0.02
18 T	1,1-Dichloroethene	0.543	0.543	0.0	104	0.02
19 T	Isopropyl Alcohol	0.631	0.662	-4.9	105	0.02
20 T	Methylene Chloride	0.472	0.425	10.0	100	0.03
21 T	Allyl Chloride	0.819	0.846	-3.3	107	0.03
22 T	trans-1,2-Dichloroethene	0.525	0.542	-3.2	102	0.03
23 T	Vinyl Acetate	0.791	0.933	-18.0	118	0.03
24 T	1,1-Dichloroethane	1.117	1.128	-1.0	108	0.03
25 T	Ethyl Acetate	2.426	2.568	-5.9	107	0.03
26 T	Hexane	0.978	1.084	-10.8	106	0.03
27 T	Carbon Disulfide	1.180	1.332	-12.9	109	0.03
28 T	Methyl tert-Butyl Ether	1.046	1.074	-2.7	115	0.03
29 T	Chloroform	1.700	1.705	-0.3	104	0.03
30 T	Cyclohexane	0.890	0.948	-6.5	107	0.03
31 T	cis-1,2-Dichloroethene	1.038	1.092	-5.2	107	0.03
32 T	1,1,1-Trichloroethane	1.678	1.742	-3.8	106	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.03
34 T	2-Butanone	0.503	0.531	-5.6	103	0.03
35 T	Carbon Tetrachloride	0.618	0.664	-7.4	106	0.03
36 T	Benzene	0.774	0.811	-4.8	106	0.03
37 T	1,2-Dichloroethane	0.457	0.461	-0.9	104	0.03
38 T	Trichloroethene	0.419	0.425	-1.4	105	0.04
39 T	1,2-Dichloropropane	0.289	0.302	-4.5	105	0.04
40 T	1,4-Dioxane	0.115	0.119	-3.5	102	0.03
41 T	Tetrahydrofuran	0.292	0.319	-9.2	106	0.03
42 T	Bromodichloromethane	0.616	0.671	-8.9	107	0.04
43	Methyl Methacrylate	0.294	0.320	-8.8	103	0.03
44 T	2,2,4-Trimethylpentane	1.312	1.347	-2.7	105	0.03
45 T	t-1,3-Dichloropropene	0.262	0.341	-30.2#	105	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.361	0.444	-23.0	105	0.04
47 T	1,1,2-Trichloroethane	0.324	0.332	-2.5	103	0.04
48 T	Dibromochloromethane	0.516	0.608	-17.8	107	0.04
49 T	Bromoform	0.416	0.513	-23.3	108	0.04
50 T	4-Methyl-2-Pentanone	0.761	0.849	-11.6	106	0.03
51 T	2-Hexanone	0.576	0.665	-15.5	104	0.03
52 T	Tetrachloroethene	0.312	0.317	-1.6	105	0.04
53 T	Toluene	0.893	0.974	-9.1	105	0.04
54 T	1,2-Dibromoethane	0.404	0.444	-9.9	102	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.03
56	1,1,1,2-Tetrachloroethane	0.442	0.466	-5.4	105	0.04
57 T	Chlorobenzene	0.775	0.787	-1.5	103	0.04
58 T	Ethyl Benzene	1.291	1.396	-8.1	104	0.04
59 T	m/p-Xylene	1.138	1.185	-4.1	102	0.04
60 T	o-Xylene	1.078	1.131	-4.9	102	0.04
61 T	Styrene	0.584	0.683	-17.0	102	0.04
62	Isopropylbenzene	1.642	1.685	-2.6	103	0.04
63 T	1,1,2,2-Tetrachloroethane	0.565	0.543	3.9	105	0.04
64	n-propylbenzene	0.416	0.443	-6.5	102	0.04
65	tert-Butylbenzene	1.517	1.539	-1.5	103	0.04
66 T	Benzyl Chloride	0.144	0.188	-30.6#	99	0.04
67	sec-Butylbenzene	2.043	2.097	-2.6	102	0.04
68 S	1-Bromo-4-Fluorobenzene	0.742	0.746	-0.5	94	0.04
69	p-Isopropyltoluene	1.734	1.811	-4.4	102	0.04
70	n-Butylbenzene	1.683	1.771	-5.2	101	0.04
71	2-Chlorotoluene	1.175	1.226	-4.3	102	0.04
72 T	4-Ethyltoluene	1.267	1.355	-6.9	102	0.04
73 T	1,3,5-Trimethylbenzene	1.164	1.249	-7.3	103	0.04
74 T	1,2,4-Trimethylbenzene	1.288	1.339	-4.0	102	0.04
75 T	1,3-Dichlorobenzene	0.768	0.798	-3.9	101	0.04
76 T	1,4-Dichlorobenzene	0.761	0.778	-2.2	102	0.04
77 T	1,2-Dichlorobenzene	0.761	0.783	-2.9	101	0.03
78 T	Hexachloro-1,3-Butadiene	0.612	0.553	9.6	100	0.04
79 T	Naphthalene	0.886	1.083	-22.2	99	0.05
80 T	Naphthalene,2-methyl-	0.302	0.399	-32.1#	105	0.03
81 T	1,2,4-Trichlorobenzene	0.577	0.618	-7.1	100	0.05

(#) = Out of Range

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