

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039440.D
 Acq On : 6 Jul 2022 9:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 07 02:12:45 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	90	0.03
2 T	Dichlorodifluoromethane	1.442	1.545	-7.1	115	0.02
3	Chlorodifluoromethane	1.269	1.174	7.5	95	0.02
4	Chloromethane	0.694	0.643	7.3	93	0.02
5 T	Vinyl Chloride	0.684	0.618	9.6	97	0.02
6 T	Bromomethane	0.288	0.273	5.2	93	0.03
7	Chloroethane	0.243	0.233	4.1	95	0.03
8 T	Dichlorotetrafluoroethane	1.576	1.524	3.3	97	0.02
9 T	Propene	0.573	0.507	11.5	92	0.02
10 T	Heptane	1.342	1.330	0.9	92	0.03
11 T	Trichlorofluoromethane	1.607	1.557	3.1	97	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.130	5.7	94	0.03
13	Ethanol	0.033	0.031#	6.1	95	0.02
14 T	Bromoethene	0.504	0.480	4.8	93	0.03
15 T	Acetone	1.183	1.129	4.6	95	0.03
16 T	1,3-Butadiene	0.614	0.607	1.1	96	0.02
17	tert-Butyl alcohol	1.004	0.993	1.1	88	0.02
18 T	1,1-Dichloroethene	0.543	0.509	6.3	92	0.02
19 T	Isopropyl Alcohol	0.631	0.583	7.6	88	0.02
20 T	Methylene Chloride	0.472	0.420	11.0	94	0.03
21 T	Allyl Chloride	0.819	0.793	3.2	95	0.03
22 T	trans-1,2-Dichloroethene	0.525	0.518	1.3	92	0.03
23 T	Vinyl Acetate	0.791	0.835	-5.6	99	0.03
24 T	1,1-Dichloroethane	1.117	1.137	-1.8	103	0.03
25 T	Ethyl Acetate	2.426	2.407	0.8	95	0.03
26 T	Hexane	0.978	1.034	-5.7	95	0.03
27 T	Carbon Disulfide	1.180	1.245	-5.5	96	0.03
28 T	Methyl tert-Butyl Ether	1.046	1.063	-1.6	107	0.03
29 T	Chloroform	1.700	1.636	3.8	95	0.03
30 T	Cyclohexane	0.890	0.884	0.7	94	0.03
31 T	cis-1,2-Dichloroethene	1.038	0.988	4.8	91	0.03
32 T	1,1,1-Trichloroethane	1.678	1.653	1.5	95	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.03
34 T	2-Butanone	0.503	0.511	-1.6	91	0.03
35 T	Carbon Tetrachloride	0.618	0.645	-4.4	95	0.04
36 T	Benzene	0.774	0.765	1.2	92	0.03
37 T	1,2-Dichloroethane	0.457	0.461	-0.9	95	0.03
38 T	Trichloroethene	0.419	0.415	1.0	94	0.03
39 T	1,2-Dichloropropane	0.289	0.291	-0.7	94	0.03
40 T	1,4-Dioxane	0.115	0.115	0.0	90	0.03
41 T	Tetrahydrofuran	0.292	0.293	-0.3	90	0.04
42 T	Bromodichloromethane	0.616	0.648	-5.2	95	0.04
43	Methyl Methacrylate	0.294	0.313	-6.5	93	0.03
44 T	2,2,4-Trimethylpentane	1.312	1.301	0.8	93	0.03
45 T	t-1,3-Dichloropropene	0.262	0.315	-20.2	89	0.03
46 T	cis-1,3-Dichloropropene	0.361	0.409	-13.3	90	0.04
47 T	1,1,2-Trichloroethane	0.324	0.326	-0.6	93	0.04
48 T	Dibromochloromethane	0.516	0.577	-11.8	94	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.483	-16.1	93	0.04
50 T	4-Methyl-2-Pentanone	0.761	0.821	-7.9	94	0.04
51 T	2-Hexanone	0.576	0.645	-12.0	93	0.04
52 T	Tetrachloroethene	0.312	0.299	4.2	92	0.04
53 T	Toluene	0.893	0.935	-4.7	93	0.04
54 T	1,2-Dibromoethane	0.404	0.429	-6.2	91	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.03
56	1,1,1,2-Tetrachloroethane	0.442	0.422	4.5	94	0.03
57 T	Chlorobenzene	0.775	0.733	5.4	95	0.04
58 T	Ethyl Benzene	1.291	1.276	1.2	94	0.04
59 T	m/p-Xylene	1.138	1.111	2.4	95	0.04
60 T	o-Xylene	1.078	1.052	2.4	94	0.04
61 T	Styrene	0.584	0.612	-4.8	90	0.04
62	Isopropylbenzene	1.642	1.568	4.5	95	0.04
63 T	1,1,2,2-Tetrachloroethane	0.565	0.512	9.4	98	0.04
64	n-propylbenzene	0.416	0.409	1.7	93	0.03
65	tert-Butylbenzene	1.517	1.446	4.7	96	0.04
66 T	Benzyl Chloride	0.144	0.151	-4.9	79	0.04
67	sec-Butylbenzene	2.043	1.980	3.1	95	0.04
68 S	1-Bromo-4-Fluorobenzene	0.742	0.730	1.6	90	0.04
69	p-Isopropyltoluene	1.734	1.700	2.0	95	0.04
70	n-Butylbenzene	1.683	1.662	1.2	94	0.04
71	2-Chlorotoluene	1.175	1.153	1.9	95	0.04
72 T	4-Ethyltoluene	1.267	1.287	-1.6	96	0.04
73 T	1,3,5-Trimethylbenzene	1.164	1.181	-1.5	96	0.03
74 T	1,2,4-Trimethylbenzene	1.288	1.265	1.8	95	0.04
75 T	1,3-Dichlorobenzene	0.768	0.742	3.4	93	0.04
76 T	1,4-Dichlorobenzene	0.761	0.714	6.2	93	0.04
77 T	1,2-Dichlorobenzene	0.761	0.727	4.5	93	0.04
78 T	Hexachloro-1,3-Butadiene	0.612	0.501	18.1	90	0.04
79 T	Naphthalene	0.886	0.973	-9.8	88	0.04
80 T	Naphthalene,2-methyl-	0.302	0.329	-8.9	85	0.03
81 T	1,2,4-Trichlorobenzene	0.577	0.561	2.8	90	0.04

(#) = Out of Range

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