

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039469.D
 Acq On : 13 Jul 2022 16:49
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 14 01:22:12 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	108	0.02
2 T	Dichlorodifluoromethane	1.442	1.435	0.5	127	0.02
3	Chlorodifluoromethane	1.269	1.119	11.8	108	0.02
4	Chloromethane	0.694	0.648	6.6	111	0.02
5 T	Vinyl Chloride	0.684	0.617	9.8	116	0.02
6 T	Bromomethane	0.288	0.248	13.9	101	0.02
7	Chloroethane	0.243	0.212	12.8	103	0.02
8 T	Dichlorotetrafluoroethane	1.576	1.432	9.1	109	0.02
9 T	Propene	0.573	0.570	0.5	124	0.02
10 T	Heptane	1.342	1.375	-2.5	114	0.02
11 T	Trichlorofluoromethane	1.607	1.331	17.2	99	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.198	0.985	17.8	98	0.02
13	Ethanol	0.033	0.034#	-3.0	125	0.00
14 T	Bromoethene	0.504	0.429	14.9	99	0.02
15 T	Acetone	1.183	1.029	13.0	104	0.02
16 T	1,3-Butadiene	0.614	0.581	5.4	110	0.02
17	tert-Butyl alcohol	1.004	0.970	3.4	103	0.02
18 T	1,1-Dichloroethene	0.543	0.464	14.5	101	0.02
19 T	Isopropyl Alcohol	0.631	0.550	12.8	99	0.02
20 T	Methylene Chloride	0.472	0.382	19.1	102	0.02
21 T	Allyl Chloride	0.819	0.732	10.6	105	0.03
22 T	trans-1,2-Dichloroethene	0.525	0.461	12.2	98	0.03
23 T	Vinyl Acetate	0.791	0.861	-8.8	122	0.02
24 T	1,1-Dichloroethane	1.117	1.120	-0.3	121	0.03
25 T	Ethyl Acetate	2.426	2.397	1.2	113	0.02
26 T	Hexane	0.978	1.032	-5.5	114	0.03
27 T	Carbon Disulfide	1.180	1.091	7.5	100	0.03
28 T	Methyl tert-Butyl Ether	1.046	1.125	-7.6	135	0.03
29 T	Chloroform	1.700	1.486	12.6	103	0.03
30 T	Cyclohexane	0.890	0.889	0.1	113	0.03
31 T	cis-1,2-Dichloroethene	1.038	0.997	3.9	110	0.02
32 T	1,1,1-Trichloroethane	1.678	1.465	12.7	101	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.03
34 T	2-Butanone	0.503	0.513	-2.0	111	0.03
35 T	Carbon Tetrachloride	0.618	0.540	12.6	96	0.03
36 T	Benzene	0.774	0.770	0.5	112	0.03
37 T	1,2-Dichloroethane	0.457	0.403	11.8	101	0.03
38 T	Trichloroethene	0.419	0.389	7.2	107	0.03
39 T	1,2-Dichloropropane	0.289	0.296	-2.4	115	0.03
40 T	1,4-Dioxane	0.115	0.102	11.3	97	0.03
41 T	Tetrahydrofuran	0.292	0.312	-6.8	115	0.03
42 T	Bromodichloromethane	0.616	0.590	4.2	105	0.03
43	Methyl Methacrylate	0.294	0.313	-6.5	112	0.03
44 T	2,2,4-Trimethylpentane	1.312	1.282	2.3	111	0.03
45 T	t-1,3-Dichloropropene	0.262	0.310	-18.3	106	0.03
46 T	cis-1,3-Dichloropropene	0.361	0.404	-11.9	107	0.03
47 T	1,1,2-Trichloroethane	0.324	0.309	4.6	107	0.03
48 T	Dibromochloromethane	0.516	0.513	0.6	101	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.439	-5.5	103	0.04
50 T	4-Methyl-2-Pentanone	0.761	0.814	-7.0	113	0.03
51 T	2-Hexanone	0.576	0.639	-10.9	112	0.03
52 T	Tetrachloroethene	0.312	0.295	5.4	109	0.04
53 T	Toluene	0.893	0.910	-1.9	109	0.03
54 T	1,2-Dibromoethane	0.404	0.405	-0.2	104	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.03
56	1,1,1,2-Tetrachloroethane	0.442	0.409	7.5	101	0.03
57 T	Chlorobenzene	0.775	0.730	5.8	105	0.03
58 T	Ethyl Benzene	1.291	1.294	-0.2	106	0.03
59 T	m/p-Xylene	1.138	1.087	4.5	103	0.03
60 T	o-Xylene	1.078	1.037	3.8	103	0.03
61 T	Styrene	0.584	0.645	-10.4	106	0.03
62	Isopropylbenzene	1.642	1.553	5.4	105	0.03
63 T	1,1,2,2-Tetrachloroethane	0.565	0.513	9.2	109	0.03
64	n-propylbenzene	0.416	0.414	0.5	105	0.03
65	tert-Butylbenzene	1.517	1.395	8.0	102	0.03
66 T	Benzyl Chloride	0.144	0.162	-12.5	94	0.03
67	sec-Butylbenzene	2.043	1.920	6.0	103	0.03
68 S	1-Bromo-4-Fluorobenzene	0.742	0.763	-2.8	105	0.03
69	p-Isopropyltoluene	1.734	1.645	5.1	102	0.04
70	n-Butylbenzene	1.683	1.603	4.8	101	0.03
71	2-Chlorotoluene	1.175	1.148	2.3	105	0.03
72 T	4-Ethyltoluene	1.267	1.266	0.1	105	0.03
73 T	1,3,5-Trimethylbenzene	1.164	1.145	1.6	103	0.03
74 T	1,2,4-Trimethylbenzene	1.288	1.218	5.4	101	0.03
75 T	1,3-Dichlorobenzene	0.768	0.738	3.9	102	0.03
76 T	1,4-Dichlorobenzene	0.761	0.719	5.5	104	0.03
77 T	1,2-Dichlorobenzene	0.761	0.712	6.4	101	0.03
78 T	Hexachloro-1,3-Butadiene	0.612	0.505	17.5	101	0.04
79 T	Naphthalene	0.886	0.989	-11.6	100	0.04
80 T	Naphthalene,2-methyl-	0.302	0.335	-10.9	97	0.03
81 T	1,2,4-Trichlorobenzene	0.577	0.584	-1.2	104	0.04

(#) = Out of Range

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