

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020122\
 Data File : VL038317.D
 Acq On : 1 Feb 2022 10:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 02 05:55:37 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 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	120	-0.04
2 T	Dichlorodifluoromethane	2.129	2.014	5.4	110	-0.03
3	Chlorodifluoromethane	1.991	1.717	13.8	108	-0.03
4	Chloromethane	0.685	0.583	14.9	107	-0.03
5 T	Vinyl Chloride	0.684	0.602	12.0	111	-0.03
6 T	Bromomethane	0.370	0.344	7.0	112	-0.03
7	Chloroethane	0.231	0.202	12.6	106	-0.03
8 T	Dichlorotetrafluoroethane	1.647	1.417	14.0	108	-0.03
9 T	Propene	0.648	0.587	9.4	109	-0.03
10 T	Heptane	1.667	1.495	10.3	109	-0.04
11 T	Trichlorofluoromethane	1.658	1.537	7.3	113	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.140	9.1	113	-0.04
13	Ethanol	0.070	0.066	5.7	111	-0.04
14 T	Bromoethene	0.490	0.458	6.5	115	-0.03
15 T	Acetone	0.882	0.756	14.3	118	-0.03
16 T	1,3-Butadiene	0.633	0.555	12.3	108	-0.03
17	tert-Butyl alcohol	0.968	0.864	10.7	108	-0.04
18 T	1,1-Dichloroethene	0.545	0.489	10.3	109	-0.04
19 T	Isopropyl Alcohol	0.551	0.492	10.7	115	-0.03
20 T	Methylene Chloride	0.513	0.415	19.1	111	-0.04
21 T	Allyl Chloride	0.780	0.765	1.9	114	-0.04
22 T	trans-1,2-Dichloroethene	0.563	0.540	4.1	117	-0.04
23 T	Vinyl Acetate	1.282	1.275	0.5	120	-0.04
24 T	1,1-Dichloroethane	1.142	1.053	7.8	114	-0.04
25 T	Ethyl Acetate	2.468	2.333	5.5	121	-0.04
26 T	Hexane	1.148	1.070	6.8	120	-0.04
27 T	Carbon Disulfide	1.343	1.296	3.5	109	-0.04
28 T	Methyl tert-Butyl Ether	1.191	1.166	2.1	119	-0.04
29 T	Chloroform	1.874	1.694	9.6	114	-0.04
30 T	Cyclohexane	1.000	0.921	7.9	111	-0.04
31 T	cis-1,2-Dichloroethene	1.001	1.065	-6.4	151#	-0.04
32 T	1,1,1-Trichloroethane	1.872	1.713	8.5	112	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	-0.04
34 T	2-Butanone	0.327	0.292	10.7	117	-0.04
35 T	Carbon Tetrachloride	0.702	0.629	10.4	110	-0.04
36 T	Benzene	0.885	0.815	7.9	114	-0.04
37 T	1,2-Dichloroethane	0.507	0.458	9.7	109	-0.04
38 T	Trichloroethene	0.329	0.295	10.3	114	-0.05
39 T	1,2-Dichloropropane	0.359	0.322	10.3	111	-0.04
40 T	1,4-Dioxane	0.086	0.081	5.8	127	-0.05
41 T	Tetrahydrofuran	0.220	0.209	5.0	118	-0.04
42 T	Bromodichloromethane	0.752	0.677	10.0	111	-0.04
43	Methyl Methacrylate	0.313	0.306	2.2	113	-0.04
44 T	2,2,4-Trimethylpentane	1.559	1.356	13.0	112	-0.05
45 T	t-1,3-Dichloropropene	0.254	0.272	-7.1	111	-0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.344	-1.5	113	-0.04
47 T	1,1,2-Trichloroethane	0.352	0.323	8.2	114	-0.05
48 T	Dibromochloromethane	0.593	0.558	5.9	113	-0.05
49 T	Bromoform	0.428	0.428	0.0	118	-0.05
50 T	4-Methyl-2-Pentanone	0.583	0.539	7.5	110	-0.05
51 T	2-Hexanone	0.257	0.237	7.8	107	-0.05
52 T	Tetrachloroethene	0.305	0.268	12.1	115	-0.04
53 T	Toluene	0.979	0.915	6.5	113	-0.05
54 T	1,2-Dibromoethane	0.501	0.478	4.6	116	-0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	118	-0.05
56	1,1,1,2-Tetrachloroethane	0.438	0.391	10.7	116	-0.05
57 T	Chlorobenzene	0.800	0.717	10.4	117	-0.05
58 T	Ethyl Benzene	1.470	1.322	10.1	115	-0.05
59 T	m/p-Xylene	1.254	1.103	12.0	114	-0.05
60 T	o-Xylene	1.166	1.040	10.8	116	-0.05
61 T	Styrene	0.544	0.554	-1.8	118	-0.05
62	Isopropylbenzene	1.555	1.395	10.3	117	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.863	0.738	14.5	121	-0.05
64	n-propylbenzene	0.374	0.360	3.7	121	-0.05
65	tert-Butylbenzene	1.280	1.180	7.8	123	-0.04
66 T	Benzyl Chloride	0.058	0.069	-19.0	118	-0.05
67	sec-Butylbenzene	1.781	1.658	6.9	124	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.759	0.802	-5.7	122	-0.04
69	p-Isopropyltoluene	1.363	1.328	2.6	127	-0.05
70	n-Butylbenzene	1.335	1.320	1.1	128	-0.05
71	2-Chlorotoluene	1.151	1.082	6.0	121	-0.05
72 T	4-Ethyltoluene	1.220	1.193	2.2	123	-0.05
73 T	1,3,5-Trimethylbenzene	1.097	1.052	4.1	123	-0.05
74 T	1,2,4-Trimethylbenzene	1.155	1.086	6.0	125	-0.05
75 T	1,3-Dichlorobenzene	0.620	0.602	2.9	128	-0.05
76 T	1,4-Dichlorobenzene	0.600	0.585	2.5	127	-0.05
77 T	1,2-Dichlorobenzene	0.576	0.556	3.5	131	-0.05
78 T	Hexachloro-1,3-Butadiene	0.400	0.297	25.8	107	-0.05
79 T	Naphthalene	0.540	0.511	5.4	97	-0.06
80 T	Naphthalene,2-methyl-	0.059	0.094	-59.3#	112	-0.04
81 T	1,2,4-Trichlorobenzene	0.318	0.274	13.8	98	-0.06

(#) = Out of Range

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