

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
 Data File : VL038363.D
 Acq On : 16 Feb 2022 11:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 17 06:03:42 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	92	-0.05
2 T	Dichlorodifluoromethane	2.129	1.864	12.4	78	-0.04
3	Chlorodifluoromethane	1.991	2.143	-7.6	104	-0.04
4	Chloromethane	0.685	0.741	-8.2	105	-0.04
5 T	Vinyl Chloride	0.684	0.761	-11.3	107	-0.04
6 T	Bromomethane	0.370	0.415	-12.2	104	-0.04
7	Chloroethane	0.231	0.259	-12.1	104	-0.04
8 T	Dichlorotetrafluoroethane	1.647	1.809	-9.8	106	-0.04
9 T	Propene	0.648	0.737	-13.7	105	-0.04
10 T	Heptane	1.667	1.811	-8.6	102	-0.05
11 T	Trichlorofluoromethane	1.658	1.852	-11.7	104	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.371	-9.3	104	-0.05
13	Ethanol	0.070	0.067	4.3	87	-0.04
14 T	Bromoethene	0.490	0.554	-13.1	107	-0.04
15 T	Acetone	0.882	0.869	1.5	104	-0.04
16 T	1,3-Butadiene	0.633	0.701	-10.7	105	-0.04
17	tert-Butyl alcohol	0.968	1.204	-24.4	116	-0.04
18 T	1,1-Dichloroethene	0.545	0.614	-12.7	105	-0.05
19 T	Isopropyl Alcohol	0.551	0.654	-18.7	118	-0.04
20 T	Methylene Chloride	0.513	0.479	6.6	99	-0.04
21 T	Allyl Chloride	0.780	0.900	-15.4	103	-0.05
22 T	trans-1,2-Dichloroethene	0.563	0.646	-14.7	107	-0.05
23 T	Vinyl Acetate	1.282	1.295	-1.0	93	-0.05
24 T	1,1-Dichloroethane	1.142	1.274	-11.6	106	-0.05
25 T	Ethyl Acetate	2.468	2.450	0.7	97	-0.05
26 T	Hexane	1.148	1.167	-1.7	100	-0.05
27 T	Carbon Disulfide	1.343	1.539	-14.6	100	-0.05
28 T	Methyl tert-Butyl Ether	1.191	1.357	-13.9	106	-0.05
29 T	Chloroform	1.874	2.014	-7.5	104	-0.05
30 T	Cyclohexane	1.000	1.115	-11.5	103	-0.05
31 T	cis-1,2-Dichloroethene	1.001	0.958	4.3	104	-0.05
32 T	1,1,1-Trichloroethane	1.872	2.110	-12.7	106	-0.05
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	-0.05
34 T	2-Butanone	0.327	0.307	6.1	105	-0.05
35 T	Carbon Tetrachloride	0.702	0.693	1.3	103	-0.05
36 T	Benzene	0.885	0.884	0.1	105	-0.05
37 T	1,2-Dichloroethane	0.507	0.503	0.8	102	-0.05
38 T	Trichloroethene	0.329	0.312	5.2	103	-0.06
39 T	1,2-Dichloropropane	0.359	0.350	2.5	102	-0.06
40 T	1,4-Dioxane	0.086	0.082	4.7	109	-0.06
41 T	Tetrahydrofuran	0.220	0.223	-1.4	107	-0.05
42 T	Bromodichloromethane	0.752	0.755	-0.4	105	-0.05
43	Methyl Methacrylate	0.313	0.330	-5.4	103	-0.05
44 T	2,2,4-Trimethylpentane	1.559	1.482	4.9	104	-0.06
45 T	t-1,3-Dichloropropene	0.254	0.258	-1.6	89	-0.06

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.332	2.1	93	-0.05
47 T	1,1,2-Trichloroethane	0.352	0.340	3.4	102	-0.06
48 T	Dibromochloromethane	0.593	0.572	3.5	98	-0.06
49 T	Bromoform	0.428	0.389	9.1	91	-0.06
50 T	4-Methyl-2-Pentanone	0.583	0.568	2.6	99	-0.06
51 T	2-Hexanone	0.257	0.246	4.3	94	-0.05
52 T	Tetrachloroethene	0.305	0.271	11.1	99	-0.06
53 T	Toluene	0.979	0.967	1.2	102	-0.06
54 T	1,2-Dibromoethane	0.501	0.486	3.0	100	-0.06
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.06
56	1,1,1,2-Tetrachloroethane	0.438	0.374	14.6	99	-0.06
57 T	Chlorobenzene	0.800	0.674	15.8	99	-0.06
58 T	Ethyl Benzene	1.470	1.279	13.0	100	-0.06
59 T	m/p-Xylene	1.254	1.041	17.0	97	-0.06
60 T	o-Xylene	1.166	0.969	16.9	97	-0.06
61 T	Styrene	0.544	0.495	9.0	94	-0.06
62	Isopropylbenzene	1.555	1.274	18.1	96	-0.06
63 T	1,1,2,2-Tetrachloroethane	0.863	0.641	25.7	95	-0.06
64	n-propylbenzene	0.374	0.311	16.8	94	-0.06
65	tert-Butylbenzene	1.280	1.037	19.0	97	-0.06
66 T	Benzyl Chloride	0.058	0.035#	39.7#	53	-0.06
67	sec-Butylbenzene	1.781	1.444	18.9	97	-0.06
68 S	1-Bromo-4-Fluorobenzene	0.759	0.794	-4.6	108	-0.06
69	p-Isopropyltoluene	1.363	1.161	14.8	99	-0.06
70	n-Butylbenzene	1.335	1.212	9.2	105	-0.05
71	2-Chlorotoluene	1.151	0.929	19.3	94	-0.06
72 T	4-Ethyltoluene	1.220	1.034	15.2	96	-0.06
73 T	1,3,5-Trimethylbenzene	1.097	0.910	17.0	96	-0.06
74 T	1,2,4-Trimethylbenzene	1.155	0.942	18.4	97	-0.06
75 T	1,3-Dichlorobenzene	0.620	0.504	18.7	96	-0.06
76 T	1,4-Dichlorobenzene	0.600	0.481	19.8	94	-0.06
77 T	1,2-Dichlorobenzene	0.576	0.477	17.2	101	-0.06
78 T	Hexachloro-1,3-Butadiene	0.400	0.394	1.5	127	-0.06
79 T	Naphthalene	0.540	0.743	-37.6#	126	-0.07
80 T	Naphthalene,2-methyl-	0.059	0.139	-135.6#	148	-0.05
81 T	1,2,4-Trichlorobenzene	0.318	0.400	-25.8	128	-0.07

(#) = Out of Range

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