

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037976.D
 Acq On : 2 Nov 2021 21:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 03 03:50:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 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	85	0.00
2 T	Dichlorodifluoromethane	1.409	1.293	8.2	82	0.00
3	Chlorodifluoromethane	1.862	1.784	4.2	91	0.00
4	Chloromethane	0.707	0.668	5.5	89	0.00
5 T	Vinyl Chloride	0.682	0.686	-0.6	91	0.00
6 T	Bromomethane	0.368	0.350	4.9	85	0.00
7	Chloroethane	0.246	0.234	4.9	89	0.00
8 T	Dichlorotetrafluoroethane	1.623	1.534	5.5	90	0.00
9 T	Propene	0.667	0.628	5.8	91	0.00
10 T	Heptane	1.553	1.631	-5.0	90	0.00
11 T	Trichlorofluoromethane	1.403	1.380	1.6	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.094	1.081	1.2	90	-0.01
13	Ethanol	0.067	0.069	-3.0	96	-0.01
14 T	Bromoethene	0.478	0.474	0.8	90	0.00
15 T	Acetone	0.826	0.793	4.0	95	0.00
16 T	1,3-Butadiene	0.651	0.645	0.9	89	0.00
17	tert-Butyl alcohol	0.859	0.916	-6.6	98	0.00
18 T	1,1-Dichloroethene	0.503	0.490	2.6	91	-0.01
19 T	Isopropyl Alcohol	0.528	0.536	-1.5	91	0.00
20 T	Methylene Chloride	0.454	0.410	9.7	90	-0.01
21 T	Allyl Chloride	0.762	0.789	-3.5	93	0.00
22 T	trans-1,2-Dichloroethene	0.500	0.504	-0.8	92	-0.01
23 T	Vinyl Acetate	1.244	1.218	2.1	90	-0.01
24 T	1,1-Dichloroethane	1.028	1.004	2.3	90	-0.01
25 T	Ethyl Acetate	2.454	2.545	-3.7	93	0.00
26 T	Hexane	1.163	1.193	-2.6	92	0.00
27 T	Carbon Disulfide	1.148	1.251	-9.0	89	-0.01
28 T	Methyl tert-Butyl Ether	0.978	1.003	-2.6	93	0.00
29 T	Chloroform	1.734	1.646	5.1	88	0.00
30 T	Cyclohexane	0.994	1.005	-1.1	92	-0.02
31 T	cis-1,2-Dichloroethene	1.061	1.074	-1.2	87	-0.01
32 T	1,1,1-Trichloroethane	1.705	1.566	8.2	89	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	-0.01
34 T	2-Butanone	0.371	0.360	3.0	90	-0.01
35 T	Carbon Tetrachloride	0.605	0.545	9.9	88	-0.01
36 T	Benzene	0.814	0.820	-0.7	90	-0.01
37 T	1,2-Dichloroethane	0.387	0.392	-1.3	91	-0.01
38 T	Trichloroethene	0.338	0.321	5.0	89	0.00
39 T	1,2-Dichloropropane	0.306	0.308	-0.7	90	0.00
40 T	1,4-Dioxane	0.081	0.075	7.4	86	-0.02
41 T	Tetrahydrofuran	0.181	0.198	-9.4	95	0.00
42 T	Bromodichloromethane	0.585	0.578	1.2	88	-0.01
43	Methyl Methacrylate	0.267	0.297	-11.2	91	-0.01
44 T	2,2,4-Trimethylpentane	1.385	1.387	-0.1	91	0.00
45 T	t-1,3-Dichloropropene	0.196	0.231	-17.9	87	-0.01
46 T	cis-1,3-Dichloropropene	0.270	0.307	-13.7	86	0.00
47 T	1,1,2-Trichloroethane	0.344	0.324	5.8	87	0.00
48 T	Dibromochloromethane	0.487	0.491	-0.8	85	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.385	0.374	2.9	81	0.00
50 T	4-Methyl-2-Pentanone	0.487	0.529	-8.6	90	-0.01
51 T	2-Hexanone	0.205	0.237	-15.6	92	-0.01
52 T	Tetrachloroethene	0.309	0.289	6.5	88	-0.01
53 T	Toluene	0.873	0.929	-6.4	88	0.00
54 T	1,2-Dibromoethane	0.444	0.442	0.5	85	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.01
56	1,1,1,2-Tetrachloroethane	0.404	0.368	8.9	84	-0.01
57 T	Chlorobenzene	0.798	0.732	8.3	85	-0.01
58 T	Ethyl Benzene	1.223	1.261	-3.1	87	-0.02
59 T	m/p-Xylene	1.087	1.066	1.9	86	-0.01
60 T	o-Xylene	1.025	0.978	4.6	84	0.00
61 T	Styrene	0.471	0.536	-13.8	84	-0.01
62	Isopropylbenzene	1.451	1.351	6.9	84	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.882	0.675	23.5	80	-0.01
64	n-propylbenzene	0.372	0.358	3.8	82	-0.02
65	tert-Butylbenzene	1.282	1.153	10.1	83	-0.01
66 T	Benzyl Chloride	0.067	0.063	6.0	67	0.00
67	sec-Butylbenzene	1.767	1.609	8.9	83	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.727	0.744	-2.3	84	-0.01
69	p-Isopropyltoluene	1.417	1.346	5.0	85	-0.02
70	n-Butylbenzene	1.302	1.344	-3.2	88	0.00
71	2-Chlorotoluene	1.017	0.956	6.0	81	0.00
72 T	4-Ethyltoluene	1.174	1.120	4.6	82	-0.01
73 T	1,3,5-Trimethylbenzene	1.099	1.013	7.8	81	-0.02
74 T	1,2,4-Trimethylbenzene	1.152	1.067	7.4	84	-0.02
75 T	1,3-Dichlorobenzene	0.717	0.667	7.0	86	-0.01
76 T	1,4-Dichlorobenzene	0.694	0.645	7.1	86	-0.02
77 T	1,2-Dichlorobenzene	0.673	0.645	4.2	90	-0.01
78 T	Hexachloro-1,3-Butadiene	0.576	0.563	2.3	104	-0.01
79 T	Naphthalene	0.664	1.038	-56.3#	110	-0.02
80 T	Naphthalene,2-methyl-	0.129	0.227	-76.0#	85	-0.01
81 T	1,2,4-Trichlorobenzene	0.432	0.576	-33.3#	108	-0.01

(#) = Out of Range

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