

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090820\
 Data File : VL035553.D
 Acq On : 8 Sep 2020 11:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 09 02:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	100	-0.02
2 T	Dichlorodifluoromethane	1.733	1.504	13.2	102	-0.01
3	Chlorodifluoromethane	1.106	1.102	0.4	105	-0.01
4	Chloromethane	0.593	0.580	2.2	101	-0.01
5 T	Vinyl Chloride	0.731	0.699	4.4	104	-0.01
6 T	Bromomethane	0.614	0.619	-0.8	103	-0.02
7	Chloroethane	0.258	0.264	-2.3	105	-0.01
8 T	Dichlorotetrafluoroethane	2.099	2.005	4.5	103	-0.01
9 T	Propene	0.426	0.422	0.9	103	-0.01
10 T	Heptane	1.145	1.162	-1.5	102	-0.02
11 T	Trichlorofluoromethane	2.527	2.387	5.5	102	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.826	4.2	101	-0.02
13	Ethanol	0.106	0.101	4.7	105	0.00
14 T	Bromoethene	0.821	0.858	-4.5	105	-0.02
15 T	Acetone	1.103	0.941	14.7	96	-0.01
16 T	1,3-Butadiene	0.411	0.422	-2.7	103	-0.01
17	tert-Butyl alcohol	1.342	1.464	-9.1	108	-0.02
18 T	1,1-Dichloroethene	0.840	0.861	-2.5	104	-0.01
19 T	Isopropyl Alcohol	0.658	0.696	-5.8	103	-0.02
20 T	Methylene Chloride	0.821	0.766	6.7	116	-0.02
21 T	Allyl Chloride	0.517	0.566	-9.5	103	-0.02
22 T	trans-1,2-Dichloroethene	0.894	0.900	-0.7	103	-0.02
23 T	Vinyl Acetate	1.416	1.501	-6.0	103	-0.02
24 T	1,1-Dichloroethane	1.457	1.465	-0.5	105	-0.02
25 T	Ethyl Acetate	1.948	1.913	1.8	104	-0.02
26 T	Hexane	1.104	1.115	-1.0	107	-0.02
27 T	Carbon Disulfide	1.584	1.839	-16.1	106	-0.02
28 T	Methyl tert-Butyl Ether	1.924	2.062	-7.2	106	-0.02
29 T	Chloroform	2.249	2.257	-0.4	105	-0.02
30 T	Cyclohexane	1.183	1.269	-7.3	104	-0.02
31 T	cis-1,2-Dichloroethene	1.133	1.204	-6.3	106	-0.02
32 T	1,1,1-Trichloroethane	2.182	2.272	-4.1	105	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.02
34 T	2-Butanone	0.297	0.299	-0.7	102	-0.02
35 T	Carbon Tetrachloride	0.503	0.536	-6.6	104	-0.02
36 T	Benzene	0.647	0.663	-2.5	105	-0.02
37 T	1,2-Dichloroethane	0.309	0.313	-1.3	106	-0.02
38 T	Trichloroethene	0.376	0.347	7.7	102	-0.02
39 T	1,2-Dichloropropane	0.219	0.222	-1.4	105	-0.02
40 T	1,4-Dioxane	0.109	0.116	-6.4	100	-0.02
41 T	Tetrahydrofuran	0.157	0.171	-8.9	104	-0.02
42 T	Bromodichloromethane	0.499	0.547	-9.6	106	-0.02
43	Methyl Methacrylate	0.250	0.275	-10.0	104	-0.02
44 T	2,2,4-Trimethylpentane	0.852	0.841	1.3	104	-0.02
45 T	t-1,3-Dichloropropene	0.254	0.316	-24.4	105	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.373	-18.4	105	-0.02
47 T	1,1,2-Trichloroethane	0.323	0.329	-1.9	105	-0.02
48 T	Dibromochloromethane	0.508	0.571	-12.4	103	-0.02
49 T	Bromoform	0.460	0.536	-16.5	100	-0.02
50 T	4-Methyl-2-Pentanone	0.430	0.448	-4.2	103	-0.02
51 T	2-Hexanone	0.353	0.388	-9.9	103	-0.02
52 T	Tetrachloroethene	0.378	0.355	6.1	100	-0.02
53 T	Toluene	0.814	0.844	-3.7	104	-0.02
54 T	1,2-Dibromoethane	0.510	0.526	-3.1	104	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.446	-9.6	103	-0.02
57 T	Chlorobenzene	0.736	0.723	1.8	102	-0.02
58 T	Ethyl Benzene	1.031	1.098	-6.5	103	-0.02
59 T	m/p-Xylene	0.862	0.882	-2.3	103	-0.02
60 T	o-Xylene	0.868	0.901	-3.8	103	-0.02
61 T	Styrene	0.664	0.744	-12.0	102	-0.02
62	Isopropylbenzene	1.394	1.393	0.1	103	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.673	0.647	3.9	105	-0.02
64	n-propylbenzene	0.425	0.448	-5.4	102	-0.02
65	tert-Butylbenzene	1.296	1.319	-1.8	102	-0.02
66 T	Benzyl Chloride	0.322	0.461	-43.2#	101	-0.02
67	sec-Butylbenzene	1.727	1.714	0.8	103	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.740	-4.2	101	-0.02
69	p-Isopropyltoluene	1.514	1.508	0.4	101	-0.02
70	n-Butylbenzene	1.459	1.467	-0.5	102	-0.03
71	2-Chlorotoluene	1.015	1.062	-4.6	103	-0.03
72 T	4-Ethyltoluene	1.103	1.150	-4.3	101	-0.02
73 T	1,3,5-Trimethylbenzene	1.020	1.068	-4.7	102	-0.02
74 T	1,2,4-Trimethylbenzene	1.121	1.114	0.6	102	-0.02
75 T	1,3-Dichlorobenzene	0.830	0.804	3.1	100	-0.02
76 T	1,4-Dichlorobenzene	0.819	0.820	-0.1	100	-0.02
77 T	1,2-Dichlorobenzene	0.804	0.796	1.0	100	-0.02
78 T	Hexachloro-1,3-Butadiene	0.513	0.510	0.6	102	-0.02
79 T	Naphthalene	1.243	1.372	-10.4	101	-0.03
80 T	Naphthalene,2-methyl-	0.424	0.555	-30.9#	102	-0.02
81 T	1,2,4-Trichlorobenzene	0.745	0.782	-5.0	101	-0.03

(#) = Out of Range

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