

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090820\
 Data File : VL035579.D
 Acq On : 9 Sep 2020 9:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 09 10:34:36 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	106	-0.03
2 T	Dichlorodifluoromethane	1.733	1.300	25.0	92	-0.02
3	Chlorodifluoromethane	1.106	1.084	2.0	108	-0.02
4	Chloromethane	0.593	0.605	-2.0	111	-0.02
5 T	Vinyl Chloride	0.731	0.711	2.7	111	-0.02
6 T	Bromomethane	0.614	0.622	-1.3	109	-0.02
7	Chloroethane	0.258	0.268	-3.9	112	-0.02
8 T	Dichlorotetrafluoroethane	2.099	1.947	7.2	105	-0.02
9 T	Propene	0.426	0.426	0.0	110	-0.02
10 T	Heptane	1.145	1.140	0.4	106	-0.03
11 T	Trichlorofluoromethane	2.527	2.243	11.2	100	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.726	9.5	101	-0.03
13	Ethanol	0.106	0.102	3.8	111	-0.02
14 T	Bromoethene	0.821	0.826	-0.6	107	-0.02
15 T	Acetone	1.103	1.131	-2.5	121	-0.02
16 T	1,3-Butadiene	0.411	0.426	-3.6	110	-0.02
17	tert-Butyl alcohol	1.342	1.410	-5.1	110	-0.02
18 T	1,1-Dichloroethene	0.840	0.822	2.1	104	-0.02
19 T	Isopropyl Alcohol	0.658	0.688	-4.6	108	-0.02
20 T	Methylene Chloride	0.821	0.688	16.2	110	-0.03
21 T	Allyl Chloride	0.517	0.589	-13.9	113	-0.02
22 T	trans-1,2-Dichloroethene	0.894	0.855	4.4	103	-0.03
23 T	Vinyl Acetate	1.416	1.563	-10.4	113	-0.03
24 T	1,1-Dichloroethane	1.457	1.437	1.4	108	-0.03
25 T	Ethyl Acetate	1.948	1.909	2.0	109	-0.03
26 T	Hexane	1.104	1.092	1.1	110	-0.03
27 T	Carbon Disulfide	1.584	1.795	-13.3	108	-0.03
28 T	Methyl tert-Butyl Ether	1.924	2.050	-6.5	111	-0.02
29 T	Chloroform	2.249	2.197	2.3	107	-0.03
30 T	Cyclohexane	1.183	1.260	-6.5	108	-0.03
31 T	cis-1,2-Dichloroethene	1.133	1.195	-5.5	110	-0.03
32 T	1,1,1-Trichloroethane	2.182	2.191	-0.4	107	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.03
34 T	2-Butanone	0.297	0.309	-4.0	108	-0.03
35 T	Carbon Tetrachloride	0.503	0.519	-3.2	103	-0.03
36 T	Benzene	0.647	0.667	-3.1	108	-0.03
37 T	1,2-Dichloroethane	0.309	0.315	-1.9	109	-0.03
38 T	Trichloroethene	0.376	0.342	9.0	103	-0.03
39 T	1,2-Dichloropropane	0.219	0.225	-2.7	109	-0.03
40 T	1,4-Dioxane	0.109	0.118	-8.3	104	-0.03
41 T	Tetrahydrofuran	0.157	0.175	-11.5	108	-0.03
42 T	Bromodichloromethane	0.499	0.540	-8.2	107	-0.03
43	Methyl Methacrylate	0.250	0.282	-12.8	110	-0.03
44 T	2,2,4-Trimethylpentane	0.852	0.848	0.5	107	-0.03
45 T	t-1,3-Dichloropropene	0.254	0.319	-25.6	109	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.376	-19.4	109	-0.03
47 T	1,1,2-Trichloroethane	0.323	0.326	-0.9	107	-0.03
48 T	Dibromochloromethane	0.508	0.550	-8.3	102	-0.03
49 T	Bromoform	0.460	0.499	-8.5	96	-0.03
50 T	4-Methyl-2-Pentanone	0.430	0.450	-4.7	106	-0.03
51 T	2-Hexanone	0.353	0.391	-10.8	106	-0.03
52 T	Tetrachloroethene	0.378	0.340	10.1	99	-0.03
53 T	Toluene	0.814	0.845	-3.8	107	-0.03
54 T	1,2-Dibromoethane	0.510	0.520	-2.0	106	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	-0.03
56	1,1,1,2-Tetrachloroethane	0.407	0.416	-2.2	102	-0.03
57 T	Chlorobenzene	0.736	0.694	5.7	104	-0.03
58 T	Ethyl Benzene	1.031	1.059	-2.7	106	-0.03
59 T	m/p-Xylene	0.862	0.891	-3.4	110	-0.03
60 T	o-Xylene	0.868	0.868	0.0	105	-0.03
61 T	Styrene	0.664	0.720	-8.4	104	-0.03
62	Isopropylbenzene	1.394	1.326	4.9	104	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.673	0.611	9.2	105	-0.03
64	n-propylbenzene	0.425	0.429	-0.9	104	-0.03
65	tert-Butylbenzene	1.296	1.240	4.3	102	-0.03
66 T	Benzyl Chloride	0.322	0.455	-41.3#	106	-0.03
67	sec-Butylbenzene	1.727	1.627	5.8	103	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.721	-1.5	104	-0.03
69	p-Isopropyltoluene	1.514	1.436	5.2	102	-0.04
70	n-Butylbenzene	1.459	1.412	3.2	104	-0.03
71	2-Chlorotoluene	1.015	1.025	-1.0	105	-0.04
72 T	4-Ethyltoluene	1.103	1.116	-1.2	104	-0.03
73 T	1,3,5-Trimethylbenzene	1.020	1.027	-0.7	104	-0.03
74 T	1,2,4-Trimethylbenzene	1.121	1.064	5.1	103	-0.03
75 T	1,3-Dichlorobenzene	0.830	0.758	8.7	100	-0.03
76 T	1,4-Dichlorobenzene	0.819	0.773	5.6	100	-0.03
77 T	1,2-Dichlorobenzene	0.804	0.744	7.5	100	-0.03
78 T	Hexachloro-1,3-Butadiene	0.513	0.433	15.6	92	-0.03
79 T	Naphthalene	1.243	1.299	-4.5	102	-0.04
80 T	Naphthalene,2-methyl-	0.424	0.535	-26.2	104	-0.02
81 T	1,2,4-Trichlorobenzene	0.745	0.704	5.5	97	-0.04

(#) = Out of Range

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