

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091020\
 Data File : VL035581.D
 Acq On : 10 Sep 2020 12:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 08:22:12 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	-0.02
2 T	Dichlorodifluoromethane	1.733	1.452	16.2	104	-0.02
3	Chlorodifluoromethane	1.106	1.051	5.0	106	-0.02
4	Chloromethane	0.593	0.556	6.2	102	-0.02
5 T	Vinyl Chloride	0.731	0.666	8.9	105	-0.02
6 T	Bromomethane	0.614	0.588	4.2	104	-0.02
7	Chloroethane	0.258	0.253	1.9	107	-0.02
8 T	Dichlorotetrafluoroethane	2.099	1.920	8.5	105	-0.02
9 T	Propene	0.426	0.399	6.3	104	-0.02
10 T	Heptane	1.145	1.108	3.2	103	-0.03
11 T	Trichlorofluoromethane	2.527	2.219	12.2	100	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.687	11.5	99	-0.02
13	Ethanol	0.106	0.090	15.1	99	-0.02
14 T	Bromoethene	0.821	0.810	1.3	105	-0.02
15 T	Acetone	1.103	0.897	18.7	96	-0.02
16 T	1,3-Butadiene	0.411	0.393	4.4	102	-0.02
17	tert-Butyl alcohol	1.342	1.357	-1.1	106	-0.02
18 T	1,1-Dichloroethene	0.840	0.806	4.0	103	-0.02
19 T	Isopropyl Alcohol	0.658	0.638	3.0	100	-0.02
20 T	Methylene Chloride	0.821	0.716	12.8	115	-0.02
21 T	Allyl Chloride	0.517	0.545	-5.4	105	-0.02
22 T	trans-1,2-Dichloroethene	0.894	0.824	7.8	100	-0.02
23 T	Vinyl Acetate	1.416	1.411	0.4	103	-0.02
24 T	1,1-Dichloroethane	1.457	1.385	4.9	105	-0.02
25 T	Ethyl Acetate	1.948	1.844	5.3	106	-0.02
26 T	Hexane	1.104	1.065	3.5	108	-0.02
27 T	Carbon Disulfide	1.584	1.738	-9.7	106	-0.02
28 T	Methyl tert-Butyl Ether	1.924	1.947	-1.2	106	-0.02
29 T	Chloroform	2.249	2.152	4.3	106	-0.02
30 T	Cyclohexane	1.183	1.215	-2.7	105	-0.02
31 T	cis-1,2-Dichloroethene	1.133	1.154	-1.9	107	-0.02
32 T	1,1,1-Trichloroethane	2.182	2.158	1.1	106	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.02
34 T	2-Butanone	0.297	0.293	1.3	104	-0.02
35 T	Carbon Tetrachloride	0.503	0.514	-2.2	103	-0.03
36 T	Benzene	0.647	0.646	0.2	106	-0.02
37 T	1,2-Dichloroethane	0.309	0.305	1.3	107	-0.02
38 T	Trichloroethene	0.376	0.337	10.4	103	-0.03
39 T	1,2-Dichloropropane	0.219	0.216	1.4	106	-0.03
40 T	1,4-Dioxane	0.109	0.105	3.7	94	-0.03
41 T	Tetrahydrofuran	0.157	0.167	-6.4	105	-0.02
42 T	Bromodichloromethane	0.499	0.530	-6.2	106	-0.03
43	Methyl Methacrylate	0.250	0.268	-7.2	106	-0.03
44 T	2,2,4-Trimethylpentane	0.852	0.818	4.0	105	-0.03
45 T	t-1,3-Dichloropropene	0.254	0.305	-20.1	105	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.363	-15.2	106	-0.03
47 T	1,1,2-Trichloroethane	0.323	0.317	1.9	105	-0.03
48 T	Dibromochloromethane	0.508	0.546	-7.5	102	-0.03
49 T	Bromoform	0.460	0.504	-9.6	98	-0.03
50 T	4-Methyl-2-Pentanone	0.430	0.437	-1.6	104	-0.03
51 T	2-Hexanone	0.353	0.376	-6.5	103	-0.03
52 T	Tetrachloroethene	0.378	0.334	11.6	98	-0.03
53 T	Toluene	0.814	0.819	-0.6	104	-0.03
54 T	1,2-Dibromoethane	0.510	0.509	0.2	105	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.03
56	1,1,1,2-Tetrachloroethane	0.407	0.412	-1.2	103	-0.03
57 T	Chlorobenzene	0.736	0.674	8.4	103	-0.03
58 T	Ethyl Benzene	1.031	1.026	0.5	104	-0.03
59 T	m/p-Xylene	0.862	0.863	-0.1	109	-0.02
60 T	o-Xylene	0.868	0.844	2.8	104	-0.03
61 T	Styrene	0.664	0.695	-4.7	102	-0.03
62	Isopropylbenzene	1.394	1.293	7.2	103	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.673	0.608	9.7	106	-0.03
64	n-propylbenzene	0.425	0.414	2.6	101	-0.03
65	tert-Butylbenzene	1.296	1.225	5.5	102	-0.03
66 T	Benzyl Chloride	0.322	0.431	-33.9#	102	-0.03
67	sec-Butylbenzene	1.727	1.589	8.0	102	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.728	-2.5	107	-0.03
69	p-Isopropyltoluene	1.514	1.401	7.5	101	-0.03
70	n-Butylbenzene	1.459	1.370	6.1	103	-0.03
71	2-Chlorotoluene	1.015	0.996	1.9	104	-0.03
72 T	4-Ethyltoluene	1.103	1.074	2.6	102	-0.03
73 T	1,3,5-Trimethylbenzene	1.020	0.996	2.4	102	-0.03
74 T	1,2,4-Trimethylbenzene	1.121	1.040	7.2	102	-0.03
75 T	1,3-Dichlorobenzene	0.830	0.740	10.8	99	-0.03
76 T	1,4-Dichlorobenzene	0.819	0.746	8.9	98	-0.03
77 T	1,2-Dichlorobenzene	0.804	0.734	8.7	100	-0.03
78 T	Hexachloro-1,3-Butadiene	0.513	0.448	12.7	96	-0.03
79 T	Naphthalene	1.243	1.258	-1.2	100	-0.04
80 T	Naphthalene,2-methyl-	0.424	0.519	-22.4	102	-0.02
81 T	1,2,4-Trichlorobenzene	0.745	0.703	5.6	98	-0.04

(#) = Out of Range

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