

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090320\
 Data File : VL035551.D
 Acq On : 4 Sep 2020 9:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 11:58:54 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	92	0.00
2 T	Dichlorodifluoromethane	1.733	1.479	14.7	91	0.00
3	Chlorodifluoromethane	1.106	1.151	-4.1	100	0.00
4	Chloromethane	0.593	0.635	-7.1	101	0.00
5 T	Vinyl Chloride	0.731	0.745	-1.9	101	0.00
6 T	Bromomethane	0.614	0.657	-7.0	100	0.00
7	Chloroethane	0.258	0.281	-8.9	102	0.00
8 T	Dichlorotetrafluoroethane	2.099	2.126	-1.3	100	0.00
9 T	Propene	0.426	0.448	-5.2	101	0.00
10 T	Heptane	1.145	1.266	-10.6	102	0.00
11 T	Trichlorofluoromethane	2.527	2.606	-3.1	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.988	-4.2	101	0.00
13	Ethanol	0.106	0.111	-4.7	105	0.00
14 T	Bromoethene	0.821	0.897	-9.3	101	0.00
15 T	Acetone	1.103	1.175	-6.5	109	0.00
16 T	1,3-Butadiene	0.411	0.456	-10.9	102	0.00
17	tert-Butyl alcohol	1.342	1.472	-9.7	99	0.00
18 T	1,1-Dichloroethene	0.840	0.918	-9.3	101	0.00
19 T	Isopropyl Alcohol	0.658	0.744	-13.1	101	0.00
20 T	Methylene Chloride	0.821	0.739	10.0	103	0.00
21 T	Allyl Chloride	0.517	0.605	-17.0	101	0.00
22 T	trans-1,2-Dichloroethene	0.894	0.969	-8.4	102	0.00
23 T	Vinyl Acetate	1.416	1.664	-17.5	105	0.00
24 T	1,1-Dichloroethane	1.457	1.560	-7.1	102	0.00
25 T	Ethyl Acetate	1.948	2.068	-6.2	103	0.00
26 T	Hexane	1.104	1.177	-6.6	103	0.00
27 T	Carbon Disulfide	1.584	1.927	-21.7	101	0.00
28 T	Methyl tert-Butyl Ether	1.924	2.100	-9.1	99	0.00
29 T	Chloroform	2.249	2.388	-6.2	101	0.00
30 T	Cyclohexane	1.183	1.335	-12.8	100	0.00
31 T	cis-1,2-Dichloroethene	1.133	1.269	-12.0	102	0.00
32 T	1,1,1-Trichloroethane	2.182	2.364	-8.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.297	0.340	-14.5	103	0.00
35 T	Carbon Tetrachloride	0.503	0.587	-16.7	100	0.00
36 T	Benzene	0.647	0.723	-11.7	101	0.00
37 T	1,2-Dichloroethane	0.309	0.343	-11.0	102	0.00
38 T	Trichloroethene	0.376	0.380	-1.1	98	0.00
39 T	1,2-Dichloropropane	0.219	0.243	-11.0	101	0.00
40 T	1,4-Dioxane	0.109	0.130	-19.3	99	0.00
41 T	Tetrahydrofuran	0.157	0.189	-20.4	101	0.00
42 T	Bromodichloromethane	0.499	0.590	-18.2	101	0.00
43	Methyl Methacrylate	0.250	0.306	-22.4	102	0.00
44 T	2,2,4-Trimethylpentane	0.852	0.937	-10.0	102	0.00
45 T	t-1,3-Dichloropropene	0.254	0.338	-33.1#	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.402	-27.6	100	0.00
47 T	1,1,2-Trichloroethane	0.323	0.358	-10.8	101	0.00
48 T	Dibromochloromethane	0.508	0.621	-22.2	99	0.00
49 T	Bromoform	0.460	0.575	-25.0	95	0.00
50 T	4-Methyl-2-Pentanone	0.430	0.503	-17.0	102	0.00
51 T	2-Hexanone	0.353	0.438	-24.1	102	0.00
52 T	Tetrachloroethene	0.378	0.388	-2.6	97	0.00
53 T	Toluene	0.814	0.928	-14.0	101	0.00
54 T	1,2-Dibromoethane	0.510	0.571	-12.0	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.407	0.447	-9.8	99	0.00
57 T	Chlorobenzene	0.736	0.741	-0.7	100	0.00
58 T	Ethyl Benzene	1.031	1.122	-8.8	101	0.00
59 T	m/p-Xylene	0.862	0.952	-10.4	106	0.00
60 T	o-Xylene	0.868	0.930	-7.1	101	0.00
61 T	Styrene	0.664	0.763	-14.9	100	0.00
62	Isopropylbenzene	1.394	1.418	-1.7	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.673	0.661	1.8	103	0.00
64	n-propylbenzene	0.425	0.457	-7.5	99	0.00
65	tert-Butylbenzene	1.296	1.351	-4.2	100	0.00
66 T	Benzyl Chloride	0.322	0.465	-44.4#	98	0.00
67	sec-Butylbenzene	1.727	1.757	-1.7	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.694	2.3	90	0.00
69	p-Isopropyltoluene	1.514	1.554	-2.6	100	0.00
70	n-Butylbenzene	1.459	1.526	-4.6	102	0.00
71	2-Chlorotoluene	1.015	1.094	-7.8	101	0.00
72 T	4-Ethyltoluene	1.103	1.192	-8.1	100	0.00
73 T	1,3,5-Trimethylbenzene	1.020	1.101	-7.9	100	0.00
74 T	1,2,4-Trimethylbenzene	1.121	1.158	-3.3	101	0.00
75 T	1,3-Dichlorobenzene	0.830	0.829	0.1	98	0.00
76 T	1,4-Dichlorobenzene	0.819	0.840	-2.6	98	0.00
77 T	1,2-Dichlorobenzene	0.804	0.808	-0.5	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.513	0.500	2.5	96	0.00
79 T	Naphthalene	1.243	1.396	-12.3	99	0.00
80 T	Naphthalene,2-methyl-	0.424	0.577	-36.1#	101	0.00
81 T	1,2,4-Trichlorobenzene	0.745	0.775	-4.0	96	0.00

(#) = Out of Range

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