

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092120\
 Data File : VL035702.D
 Acq On : 22 Sep 2020 8:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 22 09:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 22 01:39:30 2020
 QLast Update : Tue Sep 22 01:39:30 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	97	-0.01
2 T	Dichlorodifluoromethane	1.733	1.281	26.1	83	0.00
3	Chlorodifluoromethane	1.106	1.170	-5.8	107	-0.01
4	Chloromethane	0.593	0.628	-5.9	105	-0.01
5 T	Vinyl Chloride	0.731	0.738	-1.0	106	0.00
6 T	Bromomethane	0.614	0.641	-4.4	103	-0.01
7	Chloroethane	0.258	0.280	-8.5	107	0.00
8 T	Dichlorotetrafluoroethane	2.099	2.003	4.6	99	0.00
9 T	Propene	0.426	0.452	-6.1	107	0.00
10 T	Heptane	1.145	1.309	-14.3	111	-0.02
11 T	Trichlorofluoromethane	2.527	2.496	1.2	102	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.878	1.5	100	-0.01
13	Ethanol	0.106	0.100	5.7	100	-0.01
14 T	Bromoethene	0.821	0.837	-1.9	99	-0.01
15 T	Acetone	1.103	1.026	7.0	100	-0.01
16 T	1,3-Butadiene	0.411	0.466	-13.4	110	0.00
17	tert-Butyl alcohol	1.342	1.329	1.0	95	-0.02
18 T	1,1-Dichloroethene	0.840	0.877	-4.4	102	-0.01
19 T	Isopropyl Alcohol	0.658	0.643	2.3	92	-0.02
20 T	Methylene Chloride	0.821	0.755	8.0	110	0.00
21 T	Allyl Chloride	0.517	0.614	-18.8	108	-0.01
22 T	trans-1,2-Dichloroethene	0.894	0.916	-2.5	101	0.00
23 T	Vinyl Acetate	1.416	1.619	-14.3	107	-0.02
24 T	1,1-Dichloroethane	1.457	1.565	-7.4	108	-0.01
25 T	Ethyl Acetate	1.948	2.173	-11.6	114	-0.02
26 T	Hexane	1.104	1.212	-9.8	112	-0.01
27 T	Carbon Disulfide	1.584	1.941	-22.5	107	-0.01
28 T	Methyl tert-Butyl Ether	1.924	2.046	-6.3	101	-0.01
29 T	Chloroform	2.249	2.373	-5.5	106	-0.02
30 T	Cyclohexane	1.183	1.305	-10.3	103	-0.01
31 T	cis-1,2-Dichloroethene	1.133	1.291	-13.9	109	-0.01
32 T	1,1,1-Trichloroethane	2.182	2.308	-5.8	103	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	-0.01
34 T	2-Butanone	0.297	0.377	-26.9	110	-0.02
35 T	Carbon Tetrachloride	0.503	0.612	-21.7	100	-0.02
36 T	Benzene	0.647	0.765	-18.2	103	-0.02
37 T	1,2-Dichloroethane	0.309	0.378	-22.3	109	-0.01
38 T	Trichloroethene	0.376	0.421	-12.0	105	-0.02
39 T	1,2-Dichloropropane	0.219	0.264	-20.5	106	-0.02
40 T	1,4-Dioxane	0.109	0.125	-14.7	91	-0.02
41 T	Tetrahydrofuran	0.157	0.211	-34.4#	108	-0.01
42 T	Bromodichloromethane	0.499	0.638	-27.9	105	-0.01
43	Methyl Methacrylate	0.250	0.327	-30.8#	105	-0.01
44 T	2,2,4-Trimethylpentane	0.852	1.036	-21.6	108	-0.02
45 T	t-1,3-Dichloropropene	0.254	0.369	-45.3#	104	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.436	-38.4#	104	-0.02
47 T	1,1,2-Trichloroethane	0.323	0.376	-16.4	102	-0.01
48 T	Dibromochloromethane	0.508	0.628	-23.6	96	-0.02
49 T	Bromoform	0.460	0.564	-22.6	90	-0.02
50 T	4-Methyl-2-Pentanone	0.430	0.557	-29.5	109	-0.02
51 T	2-Hexanone	0.353	0.474	-34.3#	107	-0.01
52 T	Tetrachloroethene	0.378	0.614	-62.4#	147	-0.01
53 T	Toluene	0.814	0.965	-18.6	101	-0.01
54 T	1,2-Dibromoethane	0.510	0.592	-16.1	100	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.476	-17.0	96	-0.01
57 T	Chlorobenzene	0.736	0.795	-8.0	98	-0.02
58 T	Ethyl Benzene	1.031	1.227	-19.0	101	-0.01
59 T	m/p-Xylene	0.862	1.055	-22.4	107	-0.02
60 T	o-Xylene	0.868	1.033	-19.0	102	-0.01
61 T	Styrene	0.664	0.814	-22.6	97	-0.02
62	Isopropylbenzene	1.394	1.545	-10.8	99	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.673	0.755	-12.2	106	-0.02
64	n-propylbenzene	0.425	0.478	-12.5	94	-0.01
65	tert-Butylbenzene	1.296	1.433	-10.6	96	-0.02
66 T	Benzyl Chloride	0.322	0.576	-78.9#	110	-0.02
67	sec-Butylbenzene	1.727	1.921	-11.2	100	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.710	0.718	-1.1	85	-0.01
69	p-Isopropyltoluene	1.514	1.641	-8.4	96	0.00
70	n-Butylbenzene	1.459	1.662	-13.9	101	-0.01
71	2-Chlorotoluene	1.015	1.197	-17.9	101	-0.01
72 T	4-Ethyltoluene	1.103	1.279	-16.0	98	-0.01
73 T	1,3,5-Trimethylbenzene	1.020	1.188	-16.5	98	-0.01
74 T	1,2,4-Trimethylbenzene	1.121	1.244	-11.0	99	-0.01
75 T	1,3-Dichlorobenzene	0.830	0.832	-0.2	90	-0.01
76 T	1,4-Dichlorobenzene	0.819	0.834	-1.8	89	-0.02
77 T	1,2-Dichlorobenzene	0.804	0.816	-1.5	89	-0.01
78 T	Hexachloro-1,3-Butadiene	0.513	0.478	6.8	83	-0.01
79 T	Naphthalene	1.243	1.368	-10.1	88	-0.02
80 T	Naphthalene,2-methyl-	0.424	0.490	-15.6	78	0.00
81 T	1,2,4-Trichlorobenzene	0.745	0.703	5.6	79	-0.01

(#) = Out of Range

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