

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092120\
 Data File : VL035682.D
 Acq On : 21 Sep 2020 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 22 01:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 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	-0.04
2 T	Dichlorodifluoromethane	1.733	1.508	13.0	94	-0.03
3	Chlorodifluoromethane	1.106	1.089	1.5	95	-0.03
4	Chloromethane	0.593	0.581	2.0	93	-0.03
5 T	Vinyl Chloride	0.731	0.690	5.6	95	-0.03
6 T	Bromomethane	0.614	0.611	0.5	94	-0.03
7	Chloroethane	0.258	0.261	-1.2	96	-0.03
8 T	Dichlorotetrafluoroethane	2.099	2.004	4.5	95	-0.03
9 T	Propene	0.426	0.409	4.0	92	-0.03
10 T	Heptane	1.145	1.206	-5.3	98	-0.04
11 T	Trichlorofluoromethane	2.527	2.430	3.8	95	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.844	3.3	94	-0.04
13	Ethanol	0.106	0.098	7.5	94	-0.03
14 T	Bromoethene	0.821	0.816	0.6	92	-0.03
15 T	Acetone	1.103	0.959	13.1	90	-0.03
16 T	1,3-Butadiene	0.411	0.429	-4.4	97	-0.03
17	tert-Butyl alcohol	1.342	1.389	-3.5	94	-0.04
18 T	1,1-Dichloroethene	0.840	0.861	-2.5	95	-0.03
19 T	Isopropyl Alcohol	0.658	0.669	-1.7	91	-0.03
20 T	Methylene Chloride	0.821	0.698	15.0	97	-0.03
21 T	Allyl Chloride	0.517	0.582	-12.6	98	-0.04
22 T	trans-1,2-Dichloroethene	0.894	0.893	0.1	94	-0.04
23 T	Vinyl Acetate	1.416	1.426	-0.7	90	-0.04
24 T	1,1-Dichloroethane	1.457	1.459	-0.1	96	-0.04
25 T	Ethyl Acetate	1.948	1.979	-1.6	99	-0.04
26 T	Hexane	1.104	1.109	-0.5	98	-0.04
27 T	Carbon Disulfide	1.584	1.872	-18.2	99	-0.04
28 T	Methyl tert-Butyl Ether	1.924	1.911	0.7	90	-0.04
29 T	Chloroform	2.249	2.277	-1.2	97	-0.04
30 T	Cyclohexane	1.183	1.219	-3.0	92	-0.04
31 T	cis-1,2-Dichloroethene	1.133	1.166	-2.9	94	-0.04
32 T	1,1,1-Trichloroethane	2.182	2.218	-1.6	95	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	-0.04
34 T	2-Butanone	0.297	0.334	-12.5	95	-0.04
35 T	Carbon Tetrachloride	0.503	0.578	-14.9	93	-0.04
36 T	Benzene	0.647	0.700	-8.2	93	-0.04
37 T	1,2-Dichloroethane	0.309	0.347	-12.3	98	-0.04
38 T	Trichloroethene	0.376	0.358	4.8	88	-0.04
39 T	1,2-Dichloropropane	0.219	0.237	-8.2	93	-0.04
40 T	1,4-Dioxane	0.109	0.126	-15.6	91	-0.04
41 T	Tetrahydrofuran	0.157	0.187	-19.1	94	-0.04
42 T	Bromodichloromethane	0.499	0.591	-18.4	96	-0.04
43	Methyl Methacrylate	0.250	0.295	-18.0	93	-0.04
44 T	2,2,4-Trimethylpentane	0.852	0.942	-10.6	97	-0.04
45 T	t-1,3-Dichloropropene	0.254	0.332	-30.7#	92	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.393	-24.8	92	-0.04
47 T	1,1,2-Trichloroethane	0.323	0.347	-7.4	92	-0.04
48 T	Dibromochloromethane	0.508	0.588	-15.7	88	-0.04
49 T	Bromoform	0.460	0.526	-14.3	82	-0.04
50 T	4-Methyl-2-Pentanone	0.430	0.501	-16.5	96	-0.04
51 T	2-Hexanone	0.353	0.414	-17.3	92	-0.04
52 T	Tetrachloroethene	0.378	0.332	12.2	78	-0.04
53 T	Toluene	0.814	0.884	-8.6	91	-0.04
54 T	1,2-Dibromoethane	0.510	0.543	-6.5	90	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.04
56	1,1,1,2-Tetrachloroethane	0.407	0.440	-8.1	88	-0.04
57 T	Chlorobenzene	0.736	0.719	2.3	89	-0.04
58 T	Ethyl Benzene	1.031	1.115	-8.1	91	-0.04
59 T	m/p-Xylene	0.862	0.963	-11.7	98	-0.05
60 T	o-Xylene	0.868	0.939	-8.2	93	-0.04
61 T	Styrene	0.664	0.728	-9.6	86	-0.04
62	Isopropylbenzene	1.394	1.418	-1.7	91	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.673	0.688	-2.2	97	-0.04
64	n-propylbenzene	0.425	0.430	-1.2	85	-0.04
65	tert-Butylbenzene	1.296	1.306	-0.8	88	-0.04
66 T	Benzyl Chloride	0.322	0.456	-41.6#	87	-0.04
67	sec-Butylbenzene	1.727	1.760	-1.9	92	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.701	1.3	83	-0.04
69	p-Isopropyltoluene	1.514	1.482	2.1	86	-0.04
70	n-Butylbenzene	1.459	1.473	-1.0	89	-0.04
71	2-Chlorotoluene	1.015	1.082	-6.6	91	-0.04
72 T	4-Ethyltoluene	1.103	1.156	-4.8	88	-0.04
73 T	1,3,5-Trimethylbenzene	1.020	1.075	-5.4	89	-0.04
74 T	1,2,4-Trimethylbenzene	1.121	1.123	-0.2	89	-0.04
75 T	1,3-Dichlorobenzene	0.830	0.742	10.6	80	-0.04
76 T	1,4-Dichlorobenzene	0.819	0.745	9.0	79	-0.04
77 T	1,2-Dichlorobenzene	0.804	0.729	9.3	80	-0.04
78 T	Hexachloro-1,3-Butadiene	0.513	0.415	19.1	72	-0.04
79 T	Naphthalene	1.243	1.133	8.8	73	-0.05
80 T	Naphthalene,2-methyl-	0.424	0.320	24.5	51	-0.04
81 T	1,2,4-Trichlorobenzene	0.745	0.599	19.6	67	-0.05

(#) = Out of Range

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