

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091420\
 Data File : VL035625.D
 Acq On : 15 Sep 2020 8:52
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 15 10:21:15 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	84	-0.01
2 T	Dichlorodifluoromethane	1.733	1.763	-1.7	99	0.00
3	Chlorodifluoromethane	1.106	1.117	-1.0	88	0.00
4	Chloromethane	0.593	0.591	0.3	86	0.00
5 T	Vinyl Chloride	0.731	0.717	1.9	89	0.00
6 T	Bromomethane	0.614	0.639	-4.1	89	0.00
7	Chloroethane	0.258	0.273	-5.8	90	0.00
8 T	Dichlorotetrafluoroethane	2.099	2.128	-1.4	91	0.00
9 T	Propene	0.426	0.419	1.6	86	0.00
10 T	Heptane	1.145	1.193	-4.2	87	-0.02
11 T	Trichlorofluoromethane	2.527	2.516	0.4	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.915	-0.4	88	0.00
13	Ethanol	0.106	0.099	6.6	85	0.00
14 T	Bromoethene	0.821	0.872	-6.2	89	0.00
15 T	Acetone	1.103	0.989	10.3	84	0.00
16 T	1,3-Butadiene	0.411	0.432	-5.1	88	0.00
17	tert-Butyl alcohol	1.342	1.417	-5.6	87	0.00
18 T	1,1-Dichloroethene	0.840	0.897	-6.8	90	0.00
19 T	Isopropyl Alcohol	0.658	0.684	-4.0	85	0.00
20 T	Methylene Chloride	0.821	0.735	10.5	93	-0.01
21 T	Allyl Chloride	0.517	0.586	-13.3	89	-0.01
22 T	trans-1,2-Dichloroethene	0.894	0.939	-5.0	90	0.00
23 T	Vinyl Acetate	1.416	1.485	-4.9	85	-0.01
24 T	1,1-Dichloroethane	1.457	1.503	-3.2	90	0.00
25 T	Ethyl Acetate	1.948	1.988	-2.1	90	-0.01
26 T	Hexane	1.104	1.137	-3.0	91	-0.01
27 T	Carbon Disulfide	1.584	1.890	-19.3	91	0.00
28 T	Methyl tert-Butyl Ether	1.924	2.065	-7.3	88	0.00
29 T	Chloroform	2.249	2.343	-4.2	91	0.00
30 T	Cyclohexane	1.183	1.305	-10.3	89	-0.02
31 T	cis-1,2-Dichloroethene	1.133	1.369	-20.8	100	-0.01
32 T	1,1,1-Trichloroethane	2.182	2.308	-5.8	89	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.01
34 T	2-Butanone	0.297	0.312	-5.1	88	-0.01
35 T	Carbon Tetrachloride	0.503	0.548	-8.9	88	-0.02
36 T	Benzene	0.647	0.684	-5.7	90	-0.02
37 T	1,2-Dichloroethane	0.309	0.327	-5.8	92	-0.01
38 T	Trichloroethene	0.376	0.484	-28.7	117	-0.02
39 T	1,2-Dichloropropane	0.219	0.226	-3.2	88	-0.01
40 T	1,4-Dioxane	0.109	0.122	-11.9	87	-0.01
41 T	Tetrahydrofuran	0.157	0.177	-12.7	88	-0.01
42 T	Bromodichloromethane	0.499	0.562	-12.6	90	-0.02
43	Methyl Methacrylate	0.250	0.282	-12.8	89	-0.01
44 T	2,2,4-Trimethylpentane	0.852	0.875	-2.7	89	-0.01
45 T	t-1,3-Dichloropropene	0.254	0.318	-25.2	88	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.378	-20.0	88	-0.01
47 T	1,1,2-Trichloroethane	0.323	0.336	-4.0	89	-0.02
48 T	Dibromochloromethane	0.508	0.574	-13.0	86	-0.01
49 T	Bromoform	0.460	0.522	-13.5	81	-0.02
50 T	4-Methyl-2-Pentanone	0.430	0.458	-6.5	87	0.00
51 T	2-Hexanone	0.353	0.383	-8.5	84	-0.01
52 T	Tetrachloroethene	0.378	1.028	-172.0#	240#	-0.02
53 T	Toluene	0.814	0.874	-7.4	89	-0.02
54 T	1,2-Dibromoethane	0.510	0.539	-5.7	89	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.423	-3.9	85	-0.02
57 T	Chlorobenzene	0.736	0.697	5.3	86	-0.02
58 T	Ethyl Benzene	1.031	1.077	-4.5	89	-0.02
59 T	m/p-Xylene	0.862	0.908	-5.3	93	-0.02
60 T	o-Xylene	0.868	0.881	-1.5	88	-0.02
61 T	Styrene	0.664	0.714	-7.5	85	-0.02
62	Isopropylbenzene	1.394	1.364	2.2	88	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.673	0.630	6.4	89	-0.02
64	n-propylbenzene	0.425	0.420	1.2	83	-0.02
65	tert-Butylbenzene	1.296	1.278	1.4	86	-0.02
66 T	Benzyl Chloride	0.322	0.401	-24.5	77	-0.02
67	sec-Butylbenzene	1.727	1.687	2.3	88	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.706	0.6	84	-0.02
69	p-Isopropyltoluene	1.514	1.443	4.7	84	-0.02
70	n-Butylbenzene	1.459	1.398	4.2	85	-0.02
71	2-Chlorotoluene	1.015	1.030	-1.5	87	-0.02
72 T	4-Ethyltoluene	1.103	1.109	-0.5	85	-0.02
73 T	1,3,5-Trimethylbenzene	1.020	1.027	-0.7	86	-0.02
74 T	1,2,4-Trimethylbenzene	1.121	1.068	4.7	85	-0.02
75 T	1,3-Dichlorobenzene	0.830	0.733	11.7	79	-0.02
76 T	1,4-Dichlorobenzene	0.819	0.737	10.0	79	-0.02
77 T	1,2-Dichlorobenzene	0.804	0.722	10.2	79	-0.02
78 T	Hexachloro-1,3-Butadiene	0.513	0.403	21.4	70	-0.02
79 T	Naphthalene	1.243	1.144	8.0	74	-0.02
80 T	Naphthalene,2-methyl-	0.424	0.341	19.6	55	-0.01
81 T	1,2,4-Trichlorobenzene	0.745	0.612	17.9	69	-0.02

(#) = Out of Range

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