

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091020\
 Data File : VL035594.D
 Acq On : 11 Sep 2020 8:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 09:36:03 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	100	-0.02
2 T	Dichlorodifluoromethane	1.733	1.507	13.0	101	-0.02
3	Chlorodifluoromethane	1.106	1.023	7.5	97	-0.02
4	Chloromethane	0.593	0.544	8.3	94	-0.01
5 T	Vinyl Chloride	0.731	0.652	10.8	96	-0.02
6 T	Bromomethane	0.614	0.578	5.9	96	-0.02
7	Chloroethane	0.258	0.246	4.7	97	-0.02
8 T	Dichlorotetrafluoroethane	2.099	1.923	8.4	98	-0.01
9 T	Propene	0.426	0.390	8.5	95	-0.02
10 T	Heptane	1.145	1.130	1.3	99	-0.02
11 T	Trichlorofluoromethane	2.527	2.301	8.9	97	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.759	7.8	97	-0.02
13	Ethanol	0.106	0.099	6.6	102	-0.01
14 T	Bromoethene	0.821	0.789	3.9	96	-0.02
15 T	Acetone	1.103	0.878	20.4	89	-0.02
16 T	1,3-Butadiene	0.411	0.406	1.2	99	-0.02
17	tert-Butyl alcohol	1.342	1.311	2.3	96	-0.02
18 T	1,1-Dichloroethene	0.840	0.816	2.9	97	-0.02
19 T	Isopropyl Alcohol	0.658	0.680	-3.3	100	-0.02
20 T	Methylene Chloride	0.821	0.664	19.1	100	-0.02
21 T	Allyl Chloride	0.517	0.540	-4.4	98	-0.02
22 T	trans-1,2-Dichloroethene	0.894	0.856	4.3	97	-0.02
23 T	Vinyl Acetate	1.416	1.361	3.9	93	-0.02
24 T	1,1-Dichloroethane	1.457	1.365	6.3	97	-0.02
25 T	Ethyl Acetate	1.948	1.859	4.6	100	-0.02
26 T	Hexane	1.104	1.048	5.1	100	-0.02
27 T	Carbon Disulfide	1.584	1.795	-13.3	102	-0.02
28 T	Methyl tert-Butyl Ether	1.924	1.803	6.3	92	-0.02
29 T	Chloroform	2.249	2.157	4.1	99	-0.02
30 T	Cyclohexane	1.183	1.182	0.1	96	-0.02
31 T	cis-1,2-Dichloroethene	1.133	1.122	1.0	98	-0.02
32 T	1,1,1-Trichloroethane	2.182	2.107	3.4	97	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.02
34 T	2-Butanone	0.297	0.307	-3.4	97	-0.02
35 T	Carbon Tetrachloride	0.503	0.540	-7.4	96	-0.02
36 T	Benzene	0.647	0.657	-1.5	96	-0.02
37 T	1,2-Dichloroethane	0.309	0.320	-3.6	100	-0.02
38 T	Trichloroethene	0.376	0.343	8.8	93	-0.02
39 T	1,2-Dichloropropane	0.219	0.223	-1.8	97	-0.02
40 T	1,4-Dioxane	0.109	0.120	-10.1	96	-0.02
41 T	Tetrahydrofuran	0.157	0.173	-10.2	97	-0.02
42 T	Bromodichloromethane	0.499	0.555	-11.2	99	-0.02
43	Methyl Methacrylate	0.250	0.278	-11.2	97	-0.02
44 T	2,2,4-Trimethylpentane	0.852	0.874	-2.6	99	-0.02
45 T	t-1,3-Dichloropropene	0.254	0.310	-22.0	95	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.374	-18.7	97	-0.02
47 T	1,1,2-Trichloroethane	0.323	0.328	-1.5	97	-0.02
48 T	Dibromochloromethane	0.508	0.557	-9.6	93	-0.02
49 T	Bromoform	0.460	0.502	-9.1	87	-0.02
50 T	4-Methyl-2-Pentanone	0.430	0.457	-6.3	97	-0.02
51 T	2-Hexanone	0.353	0.379	-7.4	93	-0.02
52 T	Tetrachloroethene	0.378	0.324	14.3	85	-0.03
53 T	Toluene	0.814	0.837	-2.8	95	-0.02
54 T	1,2-Dibromoethane	0.510	0.514	-0.8	94	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.408	-0.2	93	-0.02
57 T	Chlorobenzene	0.736	0.672	8.7	94	-0.02
58 T	Ethyl Benzene	1.031	1.025	0.6	95	-0.02
59 T	m/p-Xylene	0.862	0.876	-1.6	101	-0.02
60 T	o-Xylene	0.868	0.858	1.2	96	-0.02
61 T	Styrene	0.664	0.683	-2.9	92	-0.02
62	Isopropylbenzene	1.394	1.294	7.2	94	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.673	0.621	7.7	99	-0.02
64	n-propylbenzene	0.425	0.401	5.6	90	-0.02
65	tert-Butylbenzene	1.296	1.213	6.4	92	-0.02
66 T	Benzyl Chloride	0.322	0.397	-23.3	86	-0.02
67	sec-Butylbenzene	1.727	1.599	7.4	94	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.719	-1.3	96	-0.02
69	p-Isopropyltoluene	1.514	1.365	9.8	90	-0.02
70	n-Butylbenzene	1.459	1.334	8.6	91	-0.03
71	2-Chlorotoluene	1.015	0.988	2.7	94	-0.03
72 T	4-Ethyltoluene	1.103	1.054	4.4	91	-0.02
73 T	1,3,5-Trimethylbenzene	1.020	0.986	3.3	93	-0.02
74 T	1,2,4-Trimethylbenzene	1.121	1.028	8.3	92	-0.03
75 T	1,3-Dichlorobenzene	0.830	0.697	16.0	85	-0.03
76 T	1,4-Dichlorobenzene	0.819	0.696	15.0	84	-0.02
77 T	1,2-Dichlorobenzene	0.804	0.674	16.2	84	-0.02
78 T	Hexachloro-1,3-Butadiene	0.513	0.384	25.1	76	-0.02
79 T	Naphthalene	1.243	1.049	15.6	76	-0.03
80 T	Naphthalene,2-methyl-	0.424	0.342	19.3	62	-0.02
81 T	1,2,4-Trichlorobenzene	0.745	0.568	23.8	72	-0.03

(#) = Out of Range

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