

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091420\
 Data File : VL035596.D
 Acq On : 14 Sep 2020 10:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 15 06:49:51 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	102	0.00
2 T	Dichlorodifluoromethane	1.733	1.329	23.3	92	0.00
3	Chlorodifluoromethane	1.106	1.047	5.3	101	0.00
4	Chloromethane	0.593	0.559	5.7	99	0.00
5 T	Vinyl Chloride	0.731	0.667	8.8	101	0.00
6 T	Bromomethane	0.614	0.587	4.4	100	0.00
7	Chloroethane	0.258	0.252	2.3	102	0.00
8 T	Dichlorotetrafluoroethane	2.099	1.904	9.3	100	0.00
9 T	Propene	0.426	0.406	4.7	102	0.00
10 T	Heptane	1.145	1.152	-0.6	103	0.00
11 T	Trichlorofluoromethane	2.527	2.287	9.5	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.725	9.5	97	0.00
13	Ethanol	0.106	0.092	13.2	98	0.00
14 T	Bromoethene	0.821	0.786	4.3	98	0.00
15 T	Acetone	1.103	0.918	16.8	95	0.00
16 T	1,3-Butadiene	0.411	0.411	0.0	103	0.00
17	tert-Butyl alcohol	1.342	1.301	3.1	98	0.00
18 T	1,1-Dichloroethene	0.840	0.813	3.2	100	0.00
19 T	Isopropyl Alcohol	0.658	0.632	4.0	96	0.00
20 T	Methylene Chloride	0.821	0.722	12.1	112	0.00
21 T	Allyl Chloride	0.517	0.542	-4.8	101	0.00
22 T	trans-1,2-Dichloroethene	0.894	0.835	6.6	98	0.00
23 T	Vinyl Acetate	1.416	1.380	2.5	97	0.00
24 T	1,1-Dichloroethane	1.457	1.377	5.5	101	0.00
25 T	Ethyl Acetate	1.948	1.889	3.0	105	0.00
26 T	Hexane	1.104	1.086	1.6	106	0.00
27 T	Carbon Disulfide	1.584	1.763	-11.3	103	0.00
28 T	Methyl tert-Butyl Ether	1.924	1.831	4.8	96	0.00
29 T	Chloroform	2.249	2.165	3.7	102	0.00
30 T	Cyclohexane	1.183	1.194	-0.9	99	0.00
31 T	cis-1,2-Dichloroethene	1.133	1.132	0.1	101	0.00
32 T	1,1,1-Trichloroethane	2.182	2.108	3.4	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.297	0.317	-6.7	102	0.00
35 T	Carbon Tetrachloride	0.503	0.546	-8.5	99	0.00
36 T	Benzene	0.647	0.672	-3.9	100	0.00
37 T	1,2-Dichloroethane	0.309	0.326	-5.5	103	0.00
38 T	Trichloroethene	0.376	0.349	7.2	96	0.00
39 T	1,2-Dichloropropane	0.219	0.229	-4.6	101	0.00
40 T	1,4-Dioxane	0.109	0.112	-2.8	91	0.00
41 T	Tetrahydrofuran	0.157	0.179	-14.0	101	0.00
42 T	Bromodichloromethane	0.499	0.555	-11.2	101	0.00
43	Methyl Methacrylate	0.250	0.282	-12.8	101	0.00
44 T	2,2,4-Trimethylpentane	0.852	0.888	-4.2	103	0.00
45 T	t-1,3-Dichloropropene	0.254	0.313	-23.2	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.376	-19.4	99	0.00
47 T	1,1,2-Trichloroethane	0.323	0.334	-3.4	100	0.00
48 T	Dibromochloromethane	0.508	0.567	-11.6	96	0.00
49 T	Bromoform	0.460	0.514	-11.7	90	0.00
50 T	4-Methyl-2-Pentanone	0.430	0.482	-12.1	104	0.00
51 T	2-Hexanone	0.353	0.412	-16.7	102	0.00
52 T	Tetrachloroethene	0.378	0.331	12.4	88	0.00
53 T	Toluene	0.814	0.853	-4.8	98	0.00
54 T	1,2-Dibromoethane	0.510	0.526	-3.1	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.407	0.424	-4.2	96	0.00
57 T	Chlorobenzene	0.736	0.699	5.0	97	0.00
58 T	Ethyl Benzene	1.031	1.065	-3.3	99	0.00
59 T	m/p-Xylene	0.862	0.918	-6.5	105	0.00
60 T	o-Xylene	0.868	0.897	-3.3	100	0.00
61 T	Styrene	0.664	0.715	-7.7	96	0.00
62	Isopropylbenzene	1.394	1.353	2.9	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.673	0.656	2.5	104	0.00
64	n-propylbenzene	0.425	0.428	-0.7	95	0.00
65	tert-Butylbenzene	1.296	1.284	0.9	97	0.00
66 T	Benzyl Chloride	0.322	0.447	-38.8#	96	0.00
67	sec-Butylbenzene	1.727	1.687	2.3	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.734	-3.4	98	0.00
69	p-Isopropyltoluene	1.514	1.468	3.0	97	0.00
70	n-Butylbenzene	1.459	1.467	-0.5	100	0.00
71	2-Chlorotoluene	1.015	1.051	-3.5	100	0.00
72 T	4-Ethyltoluene	1.103	1.122	-1.7	97	0.00
73 T	1,3,5-Trimethylbenzene	1.020	1.053	-3.2	99	0.00
74 T	1,2,4-Trimethylbenzene	1.121	1.109	1.1	99	0.00
75 T	1,3-Dichlorobenzene	0.830	0.760	8.4	93	0.00
76 T	1,4-Dichlorobenzene	0.819	0.760	7.2	91	0.00
77 T	1,2-Dichlorobenzene	0.804	0.748	7.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.513	0.466	9.2	91	0.00
79 T	Naphthalene	1.243	1.279	-2.9	93	0.00
80 T	Naphthalene,2-methyl-	0.424	0.520	-22.6	93	0.00
81 T	1,2,4-Trichlorobenzene	0.745	0.708	5.0	90	0.00

(#) = Out of Range

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