

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092920\
 Data File : VL035740.D
 Acq On : 30 Sep 2020 1:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 30 04:17:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 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	93	0.02
2 T	Dichlorodifluoromethane	1.641	1.436	12.5	91	0.02
3	Chlorodifluoromethane	1.076	1.055	2.0	99	0.01
4	Chloromethane	0.578	0.582	-0.7	100	0.02
5 T	Vinyl Chloride	0.684	0.681	0.4	99	0.02
6 T	Bromomethane	0.578	0.566	2.1	96	0.02
7	Chloroethane	0.251	0.249	0.8	97	0.02
8 T	Dichlorotetrafluoroethane	1.990	1.895	4.8	97	0.02
9 T	Propene	0.391	0.408	-4.3	100	0.01
10 T	Heptane	1.089	1.236	-13.5	100	0.03
11 T	Trichlorofluoromethane	2.341	2.291	2.1	97	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.745	1.704	2.3	95	0.02
13	Ethanol	0.096	0.102	-6.2	106	0.02
14 T	Bromoethene	0.735	0.748	-1.8	96	0.02
15 T	Acetone	1.076	0.960	10.8	99	0.02
16 T	1,3-Butadiene	0.394	0.430	-9.1	100	0.02
17	tert-Butyl alcohol	1.172	1.235	-5.4	98	0.02
18 T	1,1-Dichloroethene	0.764	0.784	-2.6	95	0.02
19 T	Isopropyl Alcohol	0.585	0.649	-10.9	104	0.02
20 T	Methylene Chloride	0.790	0.656	17.0	96	0.02
21 T	Allyl Chloride	0.522	0.550	-5.4	96	0.02
22 T	trans-1,2-Dichloroethene	0.807	0.826	-2.4	95	0.02
23 T	Vinyl Acetate	1.318	1.439	-9.2	97	0.02
24 T	1,1-Dichloroethane	1.436	1.434	0.1	98	0.02
25 T	Ethyl Acetate	1.936	1.999	-3.3	100	0.03
26 T	Hexane	1.061	1.110	-4.6	99	0.02
27 T	Carbon Disulfide	1.581	1.727	-9.2	95	0.02
28 T	Methyl tert-Butyl Ether	1.682	1.757	-4.5	95	0.02
29 T	Chloroform	2.155	2.144	0.5	97	0.02
30 T	Cyclohexane	1.047	1.182	-12.9	97	0.03
31 T	cis-1,2-Dichloroethene	1.024	1.138	-11.1	98	0.02
32 T	1,1,1-Trichloroethane	1.899	2.049	-7.9	96	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.03
34 T	2-Butanone	0.331	0.361	-9.1	99	0.02
35 T	Carbon Tetrachloride	0.521	0.575	-10.4	97	0.03
36 T	Benzene	0.652	0.718	-10.1	97	0.02
37 T	1,2-Dichloroethane	0.340	0.355	-4.4	98	0.02
38 T	Trichloroethene	0.325	0.366	-12.6	98	0.03
39 T	1,2-Dichloropropane	0.236	0.253	-7.2	99	0.03
40 T	1,4-Dioxane	0.108	0.126	-16.7	101	0.03
41 T	Tetrahydrofuran	0.167	0.203	-21.6	100	0.02
42 T	Bromodichloromethane	0.547	0.598	-9.3	96	0.03
43	Methyl Methacrylate	0.259	0.309	-19.3	97	0.02
44 T	2,2,4-Trimethylpentane	0.935	1.006	-7.6	99	0.03
45 T	t-1,3-Dichloropropene	0.262	0.345	-31.7#	97	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.323	0.410	-26.9	97	0.03
47 T	1,1,2-Trichloroethane	0.338	0.352	-4.1	96	0.03
48 T	Dibromochloromethane	0.515	0.592	-15.0	96	0.03
49 T	Bromoform	0.437	0.522	-19.5	95	0.03
50 T	4-Methyl-2-Pentanone	0.483	0.545	-12.8	99	0.03
51 T	2-Hexanone	0.389	0.464	-19.3	99	0.03
52 T	Tetrachloroethene	0.313	0.335	-7.0	96	0.03
53 T	Toluene	0.768	0.905	-17.8	97	0.03
54 T	1,2-Dibromoethane	0.507	0.551	-8.7	96	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.03
56	1,1,1,2-Tetrachloroethane	0.419	0.440	-5.0	96	0.03
57 T	Chlorobenzene	0.755	0.742	1.7	97	0.03
58 T	Ethyl Benzene	1.004	1.139	-13.4	97	0.03
59 T	m/p-Xylene	0.877	0.951	-8.4	98	0.03
60 T	o-Xylene	0.887	0.963	-8.6	97	0.03
61 T	Styrene	0.613	0.750	-22.3	96	0.03
62	Isopropylbenzene	1.375	1.437	-4.5	97	0.03
63 T	1,1,2,2-Tetrachloroethane	0.727	0.711	2.2	97	0.03
64	n-propylbenzene	0.403	0.445	-10.4	97	0.03
65	tert-Butylbenzene	1.250	1.336	-6.9	97	0.03
66 T	Benzyl Chloride	0.379	0.518	-36.7#	97	0.03
67	sec-Butylbenzene	1.727	1.798	-4.1	98	0.03
68 S	1-Bromo-4-Fluorobenzene	0.749	0.735	1.9	91	0.03
69	p-Isopropyltoluene	1.405	1.530	-8.9	98	0.03
70	n-Butylbenzene	1.447	1.553	-7.3	98	0.03
71	2-Chlorotoluene	1.003	1.118	-11.5	97	0.03
72 T	4-Ethyltoluene	1.050	1.190	-13.3	97	0.03
73 T	1,3,5-Trimethylbenzene	0.993	1.109	-11.7	98	0.03
74 T	1,2,4-Trimethylbenzene	1.119	1.163	-3.9	97	0.03
75 T	1,3-Dichlorobenzene	0.764	0.768	-0.5	97	0.03
76 T	1,4-Dichlorobenzene	0.730	0.770	-5.5	96	0.03
77 T	1,2-Dichlorobenzene	0.722	0.744	-3.0	96	0.03
78 T	Hexachloro-1,3-Butadiene	0.398	0.425	-6.8	98	0.03
79 T	Naphthalene	1.067	1.206	-13.0	97	0.04
80 T	Naphthalene,2-methyl-	0.252	0.439	-74.2#	108	0.03
81 T	1,2,4-Trichlorobenzene	0.553	0.603	-9.0	96	0.04

(#) = Out of Range

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