

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101920\
 Data File : VL035790.D
 Acq On : 19 Oct 2020 10:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 20 08:14:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	89	-0.03
2 T	Dichlorodifluoromethane	1.641	1.650	-0.5	100	-0.02
3	Chlorodifluoromethane	1.076	1.026	4.6	92	-0.02
4	Chloromethane	0.578	0.547	5.4	90	-0.02
5 T	Vinyl Chloride	0.684	0.634	7.3	87	-0.02
6 T	Bromomethane	0.578	0.538	6.9	87	-0.03
7	Chloroethane	0.251	0.236	6.0	88	-0.03
8 T	Dichlorotetrafluoroethane	1.990	1.837	7.7	89	-0.02
9 T	Propene	0.391	0.392	-0.3	91	-0.02
10 T	Heptane	1.089	1.156	-6.2	89	-0.04
11 T	Trichlorofluoromethane	2.341	2.170	7.3	88	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.745	1.605	8.0	86	-0.03
13	Ethanol	0.096	0.084	12.5	83	-0.03
14 T	Bromoethene	0.735	0.708	3.7	86	-0.03
15 T	Acetone	1.076	0.903	16.1	89	-0.03
16 T	1,3-Butadiene	0.394	0.410	-4.1	91	-0.02
17	tert-Butyl alcohol	1.172	1.202	-2.6	90	-0.03
18 T	1,1-Dichloroethene	0.764	0.738	3.4	85	-0.03
19 T	Isopropyl Alcohol	0.585	0.566	3.2	87	-0.03
20 T	Methylene Chloride	0.790	0.595	24.7	82	-0.03
21 T	Allyl Chloride	0.522	0.531	-1.7	88	-0.03
22 T	trans-1,2-Dichloroethene	0.807	0.767	5.0	84	-0.03
23 T	Vinyl Acetate	1.318	1.354	-2.7	87	-0.03
24 T	1,1-Dichloroethane	1.436	1.340	6.7	87	-0.03
25 T	Ethyl Acetate	1.936	1.878	3.0	89	-0.03
26 T	Hexane	1.061	1.029	3.0	87	-0.03
27 T	Carbon Disulfide	1.581	1.667	-5.4	87	-0.03
28 T	Methyl tert-Butyl Ether	1.682	1.755	-4.3	90	-0.03
29 T	Chloroform	2.155	2.045	5.1	88	-0.03
30 T	Cyclohexane	1.047	1.098	-4.9	86	-0.04
31 T	cis-1,2-Dichloroethene	1.024	1.077	-5.2	89	-0.03
32 T	1,1,1-Trichloroethane	1.899	2.000	-5.3	89	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.03
34 T	2-Butanone	0.331	0.337	-1.8	89	-0.03
35 T	Carbon Tetrachloride	0.521	0.546	-4.8	88	-0.03
36 T	Benzene	0.652	0.673	-3.2	88	-0.04
37 T	1,2-Dichloroethane	0.340	0.340	0.0	90	-0.04
38 T	Trichloroethene	0.325	0.333	-2.5	85	-0.04
39 T	1,2-Dichloropropane	0.236	0.234	0.8	88	-0.04
40 T	1,4-Dioxane	0.108	0.109	-0.9	84	-0.03
41 T	Tetrahydrofuran	0.167	0.189	-13.2	89	-0.03
42 T	Bromodichloromethane	0.547	0.566	-3.5	87	-0.04
43	Methyl Methacrylate	0.259	0.286	-10.4	86	-0.04
44 T	2,2,4-Trimethylpentane	0.935	0.935	0.0	89	-0.03
45 T	t-1,3-Dichloropropene	0.262	0.321	-22.5	87	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.323	0.383	-18.6	87	-0.03
47 T	1,1,2-Trichloroethane	0.338	0.325	3.8	86	-0.04
48 T	Dibromochloromethane	0.515	0.552	-7.2	86	-0.04
49 T	Bromoform	0.437	0.490	-12.1	86	-0.04
50 T	4-Methyl-2-Pentanone	0.483	0.509	-5.4	89	-0.03
51 T	2-Hexanone	0.389	0.428	-10.0	88	-0.03
52 T	Tetrachloroethene	0.313	0.313	0.0	86	-0.04
53 T	Toluene	0.768	0.847	-10.3	87	-0.04
54 T	1,2-Dibromoethane	0.507	0.518	-2.2	87	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.04
56	1,1,1,2-Tetrachloroethane	0.419	0.414	1.2	87	-0.04
57 T	Chlorobenzene	0.755	0.688	8.9	86	-0.04
58 T	Ethyl Benzene	1.004	1.079	-7.5	88	-0.04
59 T	m/p-Xylene	0.877	0.931	-6.2	92	-0.04
60 T	o-Xylene	0.887	0.905	-2.0	87	-0.04
61 T	Styrene	0.613	0.702	-14.5	86	-0.03
62	Isopropylbenzene	1.375	1.364	0.8	88	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.727	0.654	10.0	85	-0.04
64	n-propylbenzene	0.403	0.410	-1.7	85	-0.04
65	tert-Butylbenzene	1.250	1.254	-0.3	87	-0.04
66 T	Benzyl Chloride	0.379	0.460	-21.4	82	-0.04
67	sec-Butylbenzene	1.727	1.695	1.9	88	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.749	0.719	4.0	85	-0.04
69	p-Isopropyltoluene	1.405	1.427	-1.6	87	-0.03
70	n-Butylbenzene	1.447	1.432	1.0	87	-0.04
71	2-Chlorotoluene	1.003	1.044	-4.1	87	-0.04
72 T	4-Ethyltoluene	1.050	1.111	-5.8	87	-0.04
73 T	1,3,5-Trimethylbenzene	0.993	1.032	-3.9	87	-0.04
74 T	1,2,4-Trimethylbenzene	1.119	1.078	3.7	86	-0.04
75 T	1,3-Dichlorobenzene	0.764	0.700	8.4	85	-0.04
76 T	1,4-Dichlorobenzene	0.730	0.709	2.9	84	-0.04
77 T	1,2-Dichlorobenzene	0.722	0.684	5.3	84	-0.04
78 T	Hexachloro-1,3-Butadiene	0.398	0.370	7.0	82	-0.03
79 T	Naphthalene	1.067	1.040	2.5	80	-0.04
80 T	Naphthalene,2-methyl-	0.252	0.330	-31.0#	78	-0.03
81 T	1,2,4-Trichlorobenzene	0.553	0.526	4.9	80	-0.04

(#) = Out of Range

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