

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101920\
 Data File : VL035797.D
 Acq On : 19 Oct 2020 17:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 20 08:34:34 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	95	-0.03
2 T	Dichlorodifluoromethane	1.641	1.556	5.2	100	-0.02
3	Chlorodifluoromethane	1.076	0.986	8.4	94	-0.02
4	Chloromethane	0.578	0.538	6.9	94	-0.02
5 T	Vinyl Chloride	0.684	0.625	8.6	92	-0.02
6 T	Bromomethane	0.578	0.523	9.5	90	-0.02
7	Chloroethane	0.251	0.229	8.8	90	-0.02
8 T	Dichlorotetrafluoroethane	1.990	1.779	10.6	92	-0.02
9 T	Propene	0.391	0.378	3.3	94	-0.02
10 T	Heptane	1.089	1.135	-4.2	93	-0.03
11 T	Trichlorofluoromethane	2.341	2.108	10.0	91	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.745	1.566	10.3	89	-0.03
13	Ethanol	0.096	0.077	19.8	80	-0.03
14 T	Bromoethene	0.735	0.682	7.2	89	-0.02
15 T	Acetone	1.076	0.898	16.5	94	-0.02
16 T	1,3-Butadiene	0.394	0.400	-1.5	94	-0.02
17	tert-Butyl alcohol	1.172	1.154	1.5	92	-0.03
18 T	1,1-Dichloroethene	0.764	0.722	5.5	89	-0.03
19 T	Isopropyl Alcohol	0.585	0.547	6.5	89	-0.03
20 T	Methylene Chloride	0.790	0.584	26.1	86	-0.03
21 T	Allyl Chloride	0.522	0.524	-0.4	92	-0.03
22 T	trans-1,2-Dichloroethene	0.807	0.753	6.7	88	-0.03
23 T	Vinyl Acetate	1.318	1.336	-1.4	92	-0.03
24 T	1,1-Dichloroethane	1.436	1.310	8.8	91	-0.03
25 T	Ethyl Acetate	1.936	1.838	5.1	93	-0.03
26 T	Hexane	1.061	0.997	6.0	90	-0.03
27 T	Carbon Disulfide	1.581	1.619	-2.4	90	-0.03
28 T	Methyl tert-Butyl Ether	1.682	1.666	1.0	91	-0.03
29 T	Chloroform	2.155	1.976	8.3	90	-0.03
30 T	Cyclohexane	1.047	1.067	-1.9	89	-0.03
31 T	cis-1,2-Dichloroethene	1.024	1.045	-2.1	91	-0.03
32 T	1,1,1-Trichloroethane	1.899	1.914	-0.8	91	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.03
34 T	2-Butanone	0.331	0.335	-1.2	92	-0.03
35 T	Carbon Tetrachloride	0.521	0.532	-2.1	90	-0.03
36 T	Benzene	0.652	0.663	-1.7	90	-0.03
37 T	1,2-Dichloroethane	0.340	0.332	2.4	92	-0.03
38 T	Trichloroethene	0.325	0.327	-0.6	87	-0.03
39 T	1,2-Dichloropropane	0.236	0.236	0.0	92	-0.03
40 T	1,4-Dioxane	0.108	0.109	-0.9	88	-0.03
41 T	Tetrahydrofuran	0.167	0.187	-12.0	92	-0.03
42 T	Bromodichloromethane	0.547	0.558	-2.0	90	-0.03
43	Methyl Methacrylate	0.259	0.284	-9.7	89	-0.03
44 T	2,2,4-Trimethylpentane	0.935	0.929	0.6	92	-0.03
45 T	t-1,3-Dichloropropene	0.262	0.317	-21.0	90	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.323	0.376	-16.4	89	-0.03
47 T	1,1,2-Trichloroethane	0.338	0.322	4.7	88	-0.04
48 T	Dibromochloromethane	0.515	0.536	-4.1	87	-0.04
49 T	Bromoform	0.437	0.472	-8.0	86	-0.03
50 T	4-Methyl-2-Pentanone	0.483	0.509	-5.4	93	-0.03
51 T	2-Hexanone	0.389	0.427	-9.8	91	-0.03
52 T	Tetrachloroethene	0.313	0.303	3.2	87	-0.04
53 T	Toluene	0.768	0.832	-8.3	89	-0.03
54 T	1,2-Dibromoethane	0.507	0.504	0.6	88	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.04
56	1,1,1,2-Tetrachloroethane	0.419	0.398	5.0	88	-0.04
57 T	Chlorobenzene	0.755	0.665	11.9	88	-0.04
58 T	Ethyl Benzene	1.004	1.044	-4.0	90	-0.03
59 T	m/p-Xylene	0.877	0.902	-2.9	94	-0.03
60 T	o-Xylene	0.887	0.879	0.9	89	-0.04
61 T	Styrene	0.613	0.674	-10.0	88	-0.03
62	Isopropylbenzene	1.375	1.312	4.6	90	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.727	0.641	11.8	88	-0.03
64	n-propylbenzene	0.403	0.397	1.5	87	-0.03
65	tert-Butylbenzene	1.250	1.206	3.5	88	-0.04
66 T	Benzyl Chloride	0.379	0.450	-18.7	85	-0.04
67	sec-Butylbenzene	1.727	1.639	5.1	90	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.749	0.717	4.3	90	-0.03
69	p-Isopropyltoluene	1.405	1.376	2.1	89	-0.04
70	n-Butylbenzene	1.447	1.383	4.4	88	-0.04
71	2-Chlorotoluene	1.003	1.009	-0.6	89	-0.04
72 T	4-Ethyltoluene	1.050	1.076	-2.5	89	-0.04
73 T	1,3,5-Trimethylbenzene	0.993	0.996	-0.3	89	-0.04
74 T	1,2,4-Trimethylbenzene	1.119	1.043	6.8	88	-0.04
75 T	1,3-Dichlorobenzene	0.764	0.670	12.3	85	-0.04
76 T	1,4-Dichlorobenzene	0.730	0.678	7.1	85	-0.04
77 T	1,2-Dichlorobenzene	0.722	0.650	10.0	85	-0.04
78 T	Hexachloro-1,3-Butadiene	0.398	0.347	12.8	81	-0.03
79 T	Naphthalene	1.067	0.972	8.9	79	-0.04
80 T	Naphthalene,2-methyl-	0.252	0.271	-7.5	67	-0.03
81 T	1,2,4-Trichlorobenzene	0.553	0.493	10.8	79	-0.04

(#) = Out of Range

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