

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101220\
 Data File : VL035756.D
 Acq On : 12 Oct 2020 9:45
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 13 00:16:26 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	100	-0.02
2 T	Dichlorodifluoromethane	1.641	1.427	13.0	97	-0.01
3	Chlorodifluoromethane	1.076	1.024	4.8	104	-0.01
4	Chloromethane	0.578	0.549	5.0	102	-0.01
5 T	Vinyl Chloride	0.684	0.651	4.8	101	-0.01
6 T	Bromomethane	0.578	0.551	4.7	100	-0.02
7	Chloroethane	0.251	0.241	4.0	101	-0.02
8 T	Dichlorotetrafluoroethane	1.990	1.804	9.3	99	-0.01
9 T	Propene	0.391	0.389	0.5	102	-0.01
10 T	Heptane	1.089	1.127	-3.5	97	-0.02
11 T	Trichlorofluoromethane	2.341	2.142	8.5	98	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.745	1.606	8.0	97	-0.02
13	Ethanol	0.096	0.083	13.5	92	-0.01
14 T	Bromoethene	0.735	0.720	2.0	99	-0.02
15 T	Acetone	1.076	0.904	16.0	100	-0.02
16 T	1,3-Butadiene	0.394	0.407	-3.3	102	-0.01
17	tert-Butyl alcohol	1.172	1.214	-3.6	103	-0.01
18 T	1,1-Dichloroethene	0.764	0.747	2.2	98	-0.02
19 T	Isopropyl Alcohol	0.585	0.592	-1.2	102	-0.02
20 T	Methylene Chloride	0.790	0.618	21.8	96	-0.02
21 T	Allyl Chloride	0.522	0.539	-3.3	101	-0.02
22 T	trans-1,2-Dichloroethene	0.807	0.778	3.6	96	-0.02
23 T	Vinyl Acetate	1.318	1.396	-5.9	101	-0.02
24 T	1,1-Dichloroethane	1.436	1.355	5.6	100	-0.02
25 T	Ethyl Acetate	1.936	1.853	4.3	99	-0.02
26 T	Hexane	1.061	1.027	3.2	98	-0.02
27 T	Carbon Disulfide	1.581	1.667	-5.4	98	-0.02
28 T	Methyl tert-Butyl Ether	1.682	1.801	-7.1	104	-0.02
29 T	Chloroform	2.155	2.046	5.1	99	-0.02
30 T	Cyclohexane	1.047	1.112	-6.2	98	-0.03
31 T	cis-1,2-Dichloroethene	1.024	1.097	-7.1	102	-0.02
32 T	1,1,1-Trichloroethane	1.899	1.996	-5.1	100	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	-0.02
34 T	2-Butanone	0.331	0.333	-0.6	100	-0.02
35 T	Carbon Tetrachloride	0.521	0.534	-2.5	99	-0.02
36 T	Benzene	0.652	0.674	-3.4	100	-0.02
37 T	1,2-Dichloroethane	0.340	0.333	2.1	101	-0.02
38 T	Trichloroethene	0.325	0.329	-1.2	96	-0.02
39 T	1,2-Dichloropropane	0.236	0.233	1.3	100	-0.02
40 T	1,4-Dioxane	0.108	0.113	-4.6	100	-0.02
41 T	Tetrahydrofuran	0.167	0.188	-12.6	101	-0.02
42 T	Bromodichloromethane	0.547	0.558	-2.0	99	-0.03
43	Methyl Methacrylate	0.259	0.285	-10.0	99	-0.03
44 T	2,2,4-Trimethylpentane	0.935	0.905	3.2	98	-0.02
45 T	t-1,3-Dichloropropene	0.262	0.321	-22.5	99	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.323	0.380	-17.6	99	-0.02
47 T	1,1,2-Trichloroethane	0.338	0.326	3.6	98	-0.03
48 T	Dibromochloromethane	0.515	0.548	-6.4	97	-0.03
49 T	Bromoform	0.437	0.488	-11.7	97	-0.02
50 T	4-Methyl-2-Pentanone	0.483	0.492	-1.9	98	-0.02
51 T	2-Hexanone	0.389	0.413	-6.2	97	-0.02
52 T	Tetrachloroethene	0.313	0.314	-0.3	99	-0.03
53 T	Toluene	0.768	0.836	-8.9	98	-0.02
54 T	1,2-Dibromoethane	0.507	0.508	-0.2	97	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.03
56	1,1,1,2-Tetrachloroethane	0.419	0.434	-3.6	98	-0.03
57 T	Chlorobenzene	0.755	0.716	5.2	97	-0.03
58 T	Ethyl Benzene	1.004	1.112	-10.8	98	-0.03
59 T	m/p-Xylene	0.877	0.948	-8.1	101	-0.03
60 T	o-Xylene	0.887	0.924	-4.2	96	-0.03
61 T	Styrene	0.613	0.728	-18.8	97	-0.02
62	Isopropylbenzene	1.375	1.391	-1.2	97	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.727	0.680	6.5	96	-0.03
64	n-propylbenzene	0.403	0.426	-5.7	96	-0.02
65	tert-Butylbenzene	1.250	1.280	-2.4	96	-0.03
66 T	Benzyl Chloride	0.379	0.471	-24.3	91	-0.03
67	sec-Butylbenzene	1.727	1.709	1.0	96	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.749	0.753	-0.5	97	-0.03
69	p-Isopropyltoluene	1.405	1.439	-2.4	95	-0.02
70	n-Butylbenzene	1.447	1.427	1.4	93	-0.03
71	2-Chlorotoluene	1.003	1.068	-6.5	96	-0.03
72 T	4-Ethyltoluene	1.050	1.129	-7.5	95	-0.03
73 T	1,3,5-Trimethylbenzene	0.993	1.053	-6.0	96	-0.03
74 T	1,2,4-Trimethylbenzene	1.119	1.086	2.9	94	-0.03
75 T	1,3-Dichlorobenzene	0.764	0.723	5.4	94	-0.03
76 T	1,4-Dichlorobenzene	0.730	0.723	1.0	93	-0.02
77 T	1,2-Dichlorobenzene	0.722	0.710	1.7	95	-0.03
78 T	Hexachloro-1,3-Butadiene	0.398	0.384	3.5	91	-0.02
79 T	Naphthalene	1.067	1.050	1.6	87	-0.03
80 T	Naphthalene,2-methyl-	0.252	0.299	-18.7	76	-0.02
81 T	1,2,4-Trichlorobenzene	0.553	0.553	0.0	91	-0.03

(#) = Out of Range

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