

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101620\
 Data File : VL035782.D
 Acq On : 16 Oct 2020 11:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 17 03:26:57 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	91	-0.02
2 T	Dichlorodifluoromethane	1.641	1.344	18.1	83	0.00
3	Chlorodifluoromethane	1.076	1.092	-1.5	100	0.00
4	Chloromethane	0.578	0.580	-0.3	97	0.00
5 T	Vinyl Chloride	0.684	0.695	-1.6	98	0.00
6 T	Bromomethane	0.578	0.577	0.2	95	-0.01
7	Chloroethane	0.251	0.258	-2.8	98	-0.01
8 T	Dichlorotetrafluoroethane	1.990	1.886	5.2	94	0.00
9 T	Propene	0.391	0.421	-7.7	100	-0.01
10 T	Heptane	1.089	1.215	-11.6	95	-0.02
11 T	Trichlorofluoromethane	2.341	2.286	2.3	94	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.745	1.693	3.0	92	-0.01
13	Ethanol	0.096	0.090	6.3	90	0.00
14 T	Bromoethene	0.735	0.767	-4.4	96	-0.01
15 T	Acetone	1.076	0.955	11.2	96	-0.01
16 T	1,3-Butadiene	0.394	0.434	-10.2	98	0.00
17	tert-Butyl alcohol	1.172	1.315	-12.2	101	0.00
18 T	1,1-Dichloroethene	0.764	0.794	-3.9	94	-0.01
19 T	Isopropyl Alcohol	0.585	0.633	-8.2	99	-0.01
20 T	Methylene Chloride	0.790	0.653	17.3	92	-0.01
21 T	Allyl Chloride	0.522	0.571	-9.4	97	-0.01
22 T	trans-1,2-Dichloroethene	0.807	0.822	-1.9	92	-0.01
23 T	Vinyl Acetate	1.318	1.523	-15.6	100	-0.01
24 T	1,1-Dichloroethane	1.436	1.456	-1.4	97	-0.02
25 T	Ethyl Acetate	1.936	1.999	-3.3	97	-0.01
26 T	Hexane	1.061	1.109	-4.5	96	-0.02
27 T	Carbon Disulfide	1.581	1.771	-12.0	94	-0.01
28 T	Methyl tert-Butyl Ether	1.682	1.982	-17.8	104	-0.01
29 T	Chloroform	2.155	2.187	-1.5	96	-0.02
30 T	Cyclohexane	1.047	1.201	-14.7	96	-0.02
31 T	cis-1,2-Dichloroethene	1.024	1.183	-15.5	99	-0.02
32 T	1,1,1-Trichloroethane	1.899	2.156	-13.5	98	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.01
34 T	2-Butanone	0.331	0.356	-7.6	98	-0.01
35 T	Carbon Tetrachloride	0.521	0.564	-8.3	95	-0.02
36 T	Benzene	0.652	0.717	-10.0	98	-0.02
37 T	1,2-Dichloroethane	0.340	0.352	-3.5	98	-0.02
38 T	Trichloroethene	0.325	0.350	-7.7	94	-0.02
39 T	1,2-Dichloropropane	0.236	0.250	-5.9	98	-0.02
40 T	1,4-Dioxane	0.108	0.117	-8.3	94	-0.01
41 T	Tetrahydrofuran	0.167	0.202	-21.0	100	-0.01
42 T	Bromodichloromethane	0.547	0.592	-8.2	96	-0.02
43	Methyl Methacrylate	0.259	0.302	-16.6	95	-0.02
44 T	2,2,4-Trimethylpentane	0.935	0.966	-3.3	96	-0.01
45 T	t-1,3-Dichloropropene	0.262	0.341	-30.2#	97	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.323	0.407	-26.0	97	-0.01
47 T	1,1,2-Trichloroethane	0.338	0.344	-1.8	95	-0.02
48 T	Dibromochloromethane	0.515	0.580	-12.6	94	-0.02
49 T	Bromoform	0.437	0.522	-19.5	95	-0.02
50 T	4-Methyl-2-Pentanone	0.483	0.522	-8.1	95	-0.01
51 T	2-Hexanone	0.389	0.440	-13.1	94	-0.01
52 T	Tetrachloroethene	0.313	0.337	-7.7	97	-0.02
53 T	Toluene	0.768	0.895	-16.5	96	-0.02
54 T	1,2-Dibromoethane	0.507	0.542	-6.9	95	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	-0.02
56	1,1,1,2-Tetrachloroethane	0.419	0.460	-9.8	96	-0.02
57 T	Chlorobenzene	0.755	0.758	-0.4	94	-0.02
58 T	Ethyl Benzene	1.004	1.183	-17.8	96	-0.02
59 T	m/p-Xylene	0.877	1.006	-14.7	99	-0.02
60 T	o-Xylene	0.887	0.977	-10.1	93	-0.02
61 T	Styrene	0.613	0.772	-25.9	94	-0.01
62	Isopropylbenzene	1.375	1.478	-7.5	95	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.727	0.708	2.6	92	-0.01
64	n-propylbenzene	0.403	0.453	-12.4	94	-0.02
65	tert-Butylbenzene	1.250	1.361	-8.9	94	-0.02
66 T	Benzyl Chloride	0.379	0.504	-33.0#	90	-0.02
67	sec-Butylbenzene	1.727	1.820	-5.4	94	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.749	0.743	0.8	88	-0.02
69	p-Isopropyltoluene	1.405	1.537	-9.4	93	-0.01
70	n-Butylbenzene	1.447	1.516	-4.8	91	-0.02
71	2-Chlorotoluene	1.003	1.126	-12.3	93	-0.02
72 T	4-Ethyltoluene	1.050	1.201	-14.4	93	-0.02
73 T	1,3,5-Trimethylbenzene	0.993	1.110	-11.8	93	-0.02
74 T	1,2,4-Trimethylbenzene	1.119	1.150	-2.8	91	-0.02
75 T	1,3-Dichlorobenzene	0.764	0.763	0.1	91	-0.02
76 T	1,4-Dichlorobenzene	0.730	0.771	-5.6	91	-0.01
77 T	1,2-Dichlorobenzene	0.722	0.746	-3.3	91	-0.02
78 T	Hexachloro-1,3-Butadiene	0.398	0.405	-1.8	89	-0.02
79 T	Naphthalene	1.067	1.135	-6.4	87	-0.02
80 T	Naphthalene,2-methyl-	0.252	0.335	-32.9#	79	0.00
81 T	1,2,4-Trichlorobenzene	0.553	0.592	-7.1	90	-0.02

(#) = Out of Range

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