

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034249.D
 Acq On : 8 Oct 2019 11:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 05:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	73	0.00
2 T	Dichlorodifluoromethane	1.477	1.949	-32.0#	116	0.00
3	Chlorodifluoromethane	1.173	1.293	-10.2	86	0.00
4	Chloromethane	0.689	0.778	-12.9	87	0.00
5 T	Vinyl Chloride	0.630	0.704	-11.7	89	0.00
6 T	Bromomethane	0.294	0.337	-14.6	87	0.00
7	Chloroethane	0.220	0.253	-15.0	88	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.481	-13.6	91	0.00
9 T	Propene	0.578	0.635	-9.9	84	0.00
10 T	Heptane	1.508	1.662	-10.2	84	-0.01
11 T	Trichlorofluoromethane	1.345	1.562	-16.1	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	1.036	-17.7	92	0.00
13	Ethanol	0.140	0.122	12.9	98	0.00
14 T	Bromoethene	0.360	0.432	-20.0	89	0.00
15 T	Acetone	1.340	1.322	1.3	91	0.00
16 T	1,3-Butadiene	0.585	0.685	-17.1	88	0.00
17	tert-Butyl alcohol	0.849	0.904	-6.5	82	0.00
18 T	1,1-Dichloroethene	0.384	0.481	-25.3	94	0.00
19 T	Isopropyl Alcohol	0.824	0.790	4.1	83	0.00
20 T	Methylene Chloride	0.386	0.434	-12.4	94	0.00
21 T	Allyl Chloride	0.757	0.918	-21.3	89	-0.01
22 T	trans-1,2-Dichloroethene	0.384	0.481	-25.3	93	-0.01
23 T	Vinyl Acetate	1.975	2.195	-11.1	85	0.00
24 T	1,1-Dichloroethane	1.330	1.484	-11.6	88	-0.01
25 T	Ethyl Acetate	2.534	2.742	-8.2	88	0.00
26 T	Hexane	1.054	1.175	-11.5	89	0.00
27 T	Carbon Disulfide	0.972	1.219	-25.4	87	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.820	-16.2	89	-0.01
29 T	Chloroform	1.507	1.722	-14.3	88	-0.01
30 T	Cyclohexane	0.761	0.853	-12.1	84	0.00
31 T	cis-1,2-Dichloroethene	1.075	1.238	-15.2	86	0.00
32 T	1,1,1-Trichloroethane	1.453	1.639	-12.8	88	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	-0.01
34 T	2-Butanone	1.021	1.094	-7.1	84	0.00
35 T	Carbon Tetrachloride	0.831	0.959	-15.4	89	-0.01
36 T	Benzene	1.104	1.215	-10.1	85	-0.01
37 T	1,2-Dichloroethane	0.786	0.907	-15.4	88	0.00
38 T	Trichloroethene	0.395	0.410	-3.8	84	-0.01
39 T	1,2-Dichloropropane	0.496	0.539	-8.7	84	-0.01
40 T	1,4-Dioxane	0.161	0.167	-3.7	89	0.00
41 T	Tetrahydrofuran	0.575	0.644	-12.0	82	-0.01
42 T	Bromodichloromethane	0.943	1.098	-16.4	86	0.00
43	Methyl Methacrylate	0.456	0.538	-18.0	85	-0.01
44 T	2,2,4-Trimethylpentane	2.126	2.271	-6.8	87	-0.01
45 T	t-1,3-Dichloropropene	0.539	0.696	-29.1	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.794	-22.3	83	0.00
47 T	1,1,2-Trichloroethane	0.446	0.495	-11.0	86	-0.01
48 T	Dibromochloromethane	0.706	0.819	-16.0	84	0.00
49 T	Bromoform	0.572	0.678	-18.5	84	-0.02
50 T	4-Methyl-2-Pentanone	1.486	1.612	-8.5	85	0.00
51 T	2-Hexanone	1.247	1.358	-8.9	82	-0.02
52 T	Tetrachloroethene	0.365	0.374	-2.5	83	-0.02
53 T	Toluene	1.207	1.345	-11.4	84	-0.02
54 T	1,2-Dibromoethane	0.663	0.734	-10.7	84	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	74	-0.02
56	1,1,1,2-Tetrachloroethane	0.446	0.477	-7.0	86	-0.01
57 T	Chlorobenzene	0.871	0.861	1.1	85	-0.02
58 T	Ethyl Benzene	1.614	1.636	-1.4	85	-0.01
59 T	m/p-Xylene	1.336	1.349	-1.0	87	-0.02
60 T	o-Xylene	1.336	1.359	-1.7	88	-0.01
61 T	Styrene	0.957	0.984	-2.8	83	-0.02
62	Isopropylbenzene	1.730	1.731	-0.1	87	-0.02
63 T	1,1,2,2-Tetrachloroethane	1.096	0.977	10.9	86	0.00
64	n-propylbenzene	0.438	0.440	-0.5	83	-0.02
65	tert-Butylbenzene	1.512	1.479	2.2	87	-0.02
66 T	Benzyl Chloride	0.535	0.676	-26.4	79	-0.01
67	sec-Butylbenzene	2.161	2.134	1.2	87	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.869	0.817	6.0	71	-0.02
69	p-Isopropyltoluene	1.750	1.724	1.5	86	-0.02
70	n-Butylbenzene	2.038	1.985	2.6	87	-0.02
71	2-Chlorotoluene	1.413	1.410	0.2	85	-0.02
72 T	4-Ethyltoluene	1.510	1.524	-0.9	85	-0.01
73 T	1,3,5-Trimethylbenzene	1.459	1.462	-0.2	86	-0.01
74 T	1,2,4-Trimethylbenzene	1.549	1.482	4.3	87	-0.01
75 T	1,3-Dichlorobenzene	0.831	0.788	5.2	84	-0.02
76 T	1,4-Dichlorobenzene	0.851	0.808	5.1	83	-0.02
77 T	1,2-Dichlorobenzene	0.841	0.773	8.1	82	-0.01
78 T	Hexachloro-1,3-Butadiene	0.557	0.600	-7.7	103	-0.02
79 T	Naphthalene	1.363	1.287	5.6	82	-0.02
80 T	Naphthalene,2-methyl-	0.634	0.521	17.8	60	-0.01
81 T	1,2,4-Trichlorobenzene	0.755	0.710	6.0	83	-0.02

(#) = Out of Range

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