

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034251.D
 Acq On : 8 Oct 2019 14:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 09 05:25:57 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	80	-0.01
2 T	Dichlorodifluoromethane	1.477	1.750	-18.5	114	0.00
3	Chlorodifluoromethane	1.173	1.215	-3.6	89	0.00
4	Chloromethane	0.689	0.711	-3.2	87	0.00
5 T	Vinyl Chloride	0.630	0.631	-0.2	88	0.00
6 T	Bromomethane	0.294	0.314	-6.8	89	0.00
7	Chloroethane	0.220	0.238	-8.2	91	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.371	-5.1	93	0.00
9 T	Propene	0.578	0.570	1.4	82	0.00
10 T	Heptane	1.508	1.514	-0.4	84	-0.01
11 T	Trichlorofluoromethane	1.345	1.438	-6.9	93	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.949	-7.8	93	0.00
13	Ethanol	0.140	0.116	17.1	102	0.00
14 T	Bromoethene	0.360	0.393	-9.2	89	0.00
15 T	Acetone	1.340	1.207	9.9	91	0.00
16 T	1,3-Butadiene	0.585	0.625	-6.8	88	0.00
17	tert-Butyl alcohol	0.849	0.935	-10.1	93	-0.01
18 T	1,1-Dichloroethene	0.384	0.425	-10.7	91	0.00
19 T	Isopropyl Alcohol	0.824	0.816	1.0	94	0.00
20 T	Methylene Chloride	0.386	0.384	0.5	92	0.00
21 T	Allyl Chloride	0.757	0.824	-8.9	88	-0.01
22 T	trans-1,2-Dichloroethene	0.384	0.420	-9.4	89	-0.01
23 T	Vinyl Acetate	1.975	1.996	-1.1	85	0.00
24 T	1,1-Dichloroethane	1.330	1.341	-0.8	87	-0.01
25 T	Ethyl Acetate	2.534	2.485	1.9	88	-0.01
26 T	Hexane	1.054	1.057	-0.3	88	0.00
27 T	Carbon Disulfide	0.972	1.135	-16.8	89	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.647	-5.2	88	-0.01
29 T	Chloroform	1.507	1.562	-3.6	88	-0.02
30 T	Cyclohexane	0.761	0.774	-1.7	83	-0.01
31 T	cis-1,2-Dichloroethene	1.075	1.116	-3.8	85	0.00
32 T	1,1,1-Trichloroethane	1.453	1.506	-3.6	89	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	-0.01
34 T	2-Butanone	1.021	0.974	4.6	84	0.00
35 T	Carbon Tetrachloride	0.831	0.867	-4.3	90	-0.01
36 T	Benzene	1.104	1.070	3.1	84	-0.01
37 T	1,2-Dichloroethane	0.786	0.808	-2.8	88	-0.01
38 T	Trichloroethene	0.395	0.370	6.3	86	0.00
39 T	1,2-Dichloropropane	0.496	0.472	4.8	82	-0.02
40 T	1,4-Dioxane	0.161	0.151	6.2	91	0.00
41 T	Tetrahydrofuran	0.575	0.566	1.6	81	-0.01
42 T	Bromodichloromethane	0.943	0.982	-4.1	87	-0.01
43	Methyl Methacrylate	0.456	0.469	-2.9	83	-0.02
44 T	2,2,4-Trimethylpentane	2.126	2.024	4.8	87	-0.01
45 T	t-1,3-Dichloropropene	0.539	0.617	-14.5	82	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.706	-8.8	83	-0.01
47 T	1,1,2-Trichloroethane	0.446	0.429	3.8	84	-0.02
48 T	Dibromochloromethane	0.706	0.733	-3.8	85	0.00
49 T	Bromoform	0.572	0.599	-4.7	83	-0.02
50 T	4-Methyl-2-Pentanone	1.486	1.430	3.8	85	0.00
51 T	2-Hexanone	1.247	1.214	2.6	83	-0.02
52 T	Tetrachloroethene	0.365	0.331	9.3	83	-0.02
53 T	Toluene	1.207	1.195	1.0	84	-0.02
54 T	1,2-Dibromoethane	0.663	0.661	0.3	85	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	-0.01
56	1,1,1,2-Tetrachloroethane	0.446	0.447	-0.2	87	0.00
57 T	Chlorobenzene	0.871	0.799	8.3	85	-0.02
58 T	Ethyl Benzene	1.614	1.512	6.3	85	-0.01
59 T	m/p-Xylene	1.336	1.249	6.5	87	-0.02
60 T	o-Xylene	1.336	1.255	6.1	87	-0.02
61 T	Styrene	0.957	0.910	4.9	82	-0.02
62	Isopropylbenzene	1.730	1.619	6.4	87	-0.02
63 T	1,1,2,2-Tetrachloroethane	1.096	0.907	17.2	86	-0.01
64	n-propylbenzene	0.438	0.410	6.4	83	-0.02
65	tert-Butylbenzene	1.512	1.368	9.5	86	-0.01
66 T	Benzyl Chloride	0.535	0.663	-23.9	84	-0.01
67	sec-Butylbenzene	2.161	2.004	7.3	88	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.869	0.848	2.4	79	-0.02
69	p-Isopropyltoluene	1.750	1.619	7.5	87	-0.01
70	n-Butylbenzene	2.038	1.834	10.0	86	-0.02
71	2-Chlorotoluene	1.413	1.308	7.4	84	-0.02
72 T	4-Ethyltoluene	1.510	1.416	6.2	85	-0.02
73 T	1,3,5-Trimethylbenzene	1.459	1.371	6.0	86	-0.01
74 T	1,2,4-Trimethylbenzene	1.549	1.389	10.3	87	-0.01
75 T	1,3-Dichlorobenzene	0.831	0.742	10.7	85	-0.02
76 T	1,4-Dichlorobenzene	0.851	0.752	11.6	83	-0.02
77 T	1,2-Dichlorobenzene	0.841	0.733	12.8	83	-0.02
78 T	Hexachloro-1,3-Butadiene	0.557	0.503	9.7	93	-0.01
79 T	Naphthalene	1.363	1.197	12.2	82	-0.02
80 T	Naphthalene,2-methyl-	0.634	0.486	23.3	60	-0.01
81 T	1,2,4-Trichlorobenzene	0.755	0.658	12.8	83	-0.02

(#) = Out of Range

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