

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101419\
 Data File : VL034296.D
 Acq On : 15 Oct 2019 00:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 15 07:45:59 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	1.477	1.730	-17.1	110	0.00
3	Chlorodifluoromethane	1.173	1.122	4.3	80	0.00
4	Chloromethane	0.689	0.652	5.4	78	0.00
5 T	Vinyl Chloride	0.630	0.589	6.5	80	0.00
6 T	Bromomethane	0.294	0.295	-0.3	82	0.00
7	Chloroethane	0.220	0.222	-0.9	83	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.289	1.2	85	0.00
9 T	Propene	0.578	0.512	11.4	72	0.00
10 T	Heptane	1.508	1.372	9.0	74	-0.01
11 T	Trichlorofluoromethane	1.345	1.419	-5.5	89	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.930	-5.7	89	0.00
13	Ethanol	0.140	0.112	20.0	96	0.00
14 T	Bromoethene	0.360	0.378	-5.0	83	0.00
15 T	Acetone	1.340	1.196	10.7	88	0.00
16 T	1,3-Butadiene	0.585	0.588	-0.5	81	0.00
17	tert-Butyl alcohol	0.849	0.837	1.4	81	0.00
18 T	1,1-Dichloroethene	0.384	0.413	-7.6	86	0.00
19 T	Isopropyl Alcohol	0.824	0.757	8.1	86	0.00
20 T	Methylene Chloride	0.386	0.384	0.5	89	0.00
21 T	Allyl Chloride	0.757	0.804	-6.2	83	-0.01
22 T	trans-1,2-Dichloroethene	0.384	0.426	-10.9	88	-0.01
23 T	Vinyl Acetate	1.975	1.850	6.3	77	0.00
24 T	1,1-Dichloroethane	1.330	1.262	5.1	80	-0.01
25 T	Ethyl Acetate	2.534	2.335	7.9	80	-0.01
26 T	Hexane	1.054	0.960	8.9	78	0.00
27 T	Carbon Disulfide	0.972	1.116	-14.8	86	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.482	5.4	77	0.00
29 T	Chloroform	1.507	1.462	3.0	80	-0.01
30 T	Cyclohexane	0.761	0.717	5.8	75	-0.01
31 T	cis-1,2-Dichloroethene	1.075	1.018	5.3	76	0.00
32 T	1,1,1-Trichloroethane	1.453	1.425	1.9	82	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	-0.01
34 T	2-Butanone	1.021	0.910	10.9	75	0.00
35 T	Carbon Tetrachloride	0.831	0.845	-1.7	84	0.00
36 T	Benzene	1.104	1.006	8.9	76	-0.01
37 T	1,2-Dichloroethane	0.786	0.779	0.9	81	0.00
38 T	Trichloroethene	0.395	0.351	11.1	78	0.00
39 T	1,2-Dichloropropane	0.496	0.436	12.1	73	-0.02
40 T	1,4-Dioxane	0.161	0.147	8.7	85	0.00
41 T	Tetrahydrofuran	0.575	0.518	9.9	71	0.00
42 T	Bromodichloromethane	0.943	0.942	0.1	80	0.00
43	Methyl Methacrylate	0.456	0.437	4.2	75	-0.01
44 T	2,2,4-Trimethylpentane	2.126	1.909	10.2	78	0.00
45 T	t-1,3-Dichloropropene	0.539	0.591	-9.6	75	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.658	-1.4	75	0.00
47 T	1,1,2-Trichloroethane	0.446	0.409	8.3	77	-0.02
48 T	Dibromochloromethane	0.706	0.718	-1.7	80	-0.01
49 T	Bromoform	0.572	0.589	-3.0	78	-0.02
50 T	4-Methyl-2-Pentanone	1.486	1.362	8.3	77	0.00
51 T	2-Hexanone	1.247	1.121	10.1	73	-0.02
52 T	Tetrachloroethene	0.365	0.310	15.1	75	-0.02
53 T	Toluene	1.207	1.119	7.3	76	-0.02
54 T	1,2-Dibromoethane	0.663	0.624	5.9	77	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	-0.01
56	1,1,1,2-Tetrachloroethane	0.446	0.433	2.9	81	-0.01
57 T	Chlorobenzene	0.871	0.756	13.2	78	-0.01
58 T	Ethyl Benzene	1.614	1.431	11.3	78	-0.01
59 T	m/p-Xylene	1.336	1.194	10.6	80	-0.02
60 T	o-Xylene	1.336	1.198	10.3	81	-0.02
61 T	Styrene	0.957	0.854	10.8	75	-0.02
62	Isopropylbenzene	1.730	1.546	10.6	80	-0.02
63 T	1,1,2,2-Tetrachloroethane	1.096	0.876	20.1	80	-0.01
64	n-propylbenzene	0.438	0.389	11.2	76	-0.02
65	tert-Butylbenzene	1.512	1.317	12.9	80	-0.01
66 T	Benzyl Chloride	0.535	0.643	-20.2	78	-0.01
67	sec-Butylbenzene	2.161	1.920	11.2	81	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.869	0.856	1.5	77	-0.02
69	p-Isopropyltoluene	1.750	1.546	11.7	80	-0.01
70	n-Butylbenzene	2.038	1.780	12.7	81	-0.02
71	2-Chlorotoluene	1.413	1.238	12.4	77	-0.02
72 T	4-Ethyltoluene	1.510	1.353	10.4	78	-0.02
73 T	1,3,5-Trimethylbenzene	1.459	1.296	11.2	79	-0.01
74 T	1,2,4-Trimethylbenzene	1.549	1.322	14.7	80	-0.02
75 T	1,3-Dichlorobenzene	0.831	0.707	14.9	79	-0.02
76 T	1,4-Dichlorobenzene	0.851	0.706	17.0	76	-0.02
77 T	1,2-Dichlorobenzene	0.841	0.705	16.2	77	-0.02
78 T	Hexachloro-1,3-Butadiene	0.557	0.521	6.5	93	-0.02
79 T	Naphthalene	1.363	1.123	17.6	74	-0.02
80 T	Naphthalene,2-methyl-	0.634	0.436	31.2#	52	-0.01
81 T	1,2,4-Trichlorobenzene	0.755	0.616	18.4	75	-0.02

(#) = Out of Range

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