

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101419\
 Data File : VL034278.D
 Acq On : 14 Oct 2019 9:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 15 06:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	72	-0.01
2 T	Dichlorodifluoromethane	1.477	1.748	-18.3	103	0.00
3	Chlorodifluoromethane	1.173	1.145	2.4	75	0.00
4	Chloromethane	0.689	0.718	-4.2	79	0.00
5 T	Vinyl Chloride	0.630	0.641	-1.7	80	0.00
6 T	Bromomethane	0.294	0.323	-9.9	82	0.00
7	Chloroethane	0.220	0.233	-5.9	80	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.371	-5.1	83	0.00
9 T	Propene	0.578	0.579	-0.2	75	0.00
10 T	Heptane	1.508	1.513	-0.3	75	-0.02
11 T	Trichlorofluoromethane	1.345	1.436	-6.8	83	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.986	-12.0	87	0.00
13	Ethanol	0.140	0.117	16.4	92	0.00
14 T	Bromoethene	0.360	0.421	-16.9	85	0.00
15 T	Acetone	1.340	1.180	11.9	80	0.00
16 T	1,3-Butadiene	0.585	0.619	-5.8	78	0.00
17	tert-Butyl alcohol	0.849	0.948	-11.7	85	0.00
18 T	1,1-Dichloroethene	0.384	0.449	-16.9	86	0.00
19 T	Isopropyl Alcohol	0.824	0.806	2.2	84	0.00
20 T	Methylene Chloride	0.386	0.401	-3.9	86	0.00
21 T	Allyl Chloride	0.757	0.855	-12.9	82	-0.01
22 T	trans-1,2-Dichloroethene	0.384	0.457	-19.0	87	-0.02
23 T	Vinyl Acetate	1.975	2.052	-3.9	78	0.00
24 T	1,1-Dichloroethane	1.330	1.355	-1.9	79	-0.01
25 T	Ethyl Acetate	2.534	2.493	1.6	79	-0.01
26 T	Hexane	1.054	1.072	-1.7	80	0.00
27 T	Carbon Disulfide	0.972	1.174	-20.8	83	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.753	-11.9	84	-0.01
29 T	Chloroform	1.507	1.580	-4.8	80	-0.01
30 T	Cyclohexane	0.761	0.843	-10.8	82	-0.01
31 T	cis-1,2-Dichloroethene	1.075	1.136	-5.7	78	0.00
32 T	1,1,1-Trichloroethane	1.453	1.499	-3.2	79	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	-0.01
34 T	2-Butanone	1.021	0.907	11.2	75	0.00
35 T	Carbon Tetrachloride	0.831	0.768	7.6	77	-0.01
36 T	Benzene	1.104	1.077	2.4	82	0.00
37 T	1,2-Dichloroethane	0.786	0.706	10.2	74	-0.01
38 T	Trichloroethene	0.395	0.361	8.6	81	-0.01
39 T	1,2-Dichloropropane	0.496	0.468	5.6	79	-0.02
40 T	1,4-Dioxane	0.161	0.152	5.6	88	-0.01
41 T	Tetrahydrofuran	0.575	0.544	5.4	75	0.00
42 T	Bromodichloromethane	0.943	0.918	2.7	78	-0.01
43	Methyl Methacrylate	0.456	0.461	-1.1	79	-0.01
44 T	2,2,4-Trimethylpentane	2.126	1.965	7.6	81	-0.01
45 T	t-1,3-Dichloropropene	0.539	0.599	-11.1	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.674	-3.9	77	-0.01
47 T	1,1,2-Trichloroethane	0.446	0.423	5.2	80	-0.01
48 T	Dibromochloromethane	0.706	0.695	1.6	78	-0.01
49 T	Bromoform	0.572	0.585	-2.3	78	-0.02
50 T	4-Methyl-2-Pentanone	1.486	1.336	10.1	76	0.00
51 T	2-Hexanone	1.247	1.112	10.8	73	-0.02
52 T	Tetrachloroethene	0.365	0.335	8.2	81	-0.02
53 T	Toluene	1.207	1.195	1.0	81	-0.02
54 T	1,2-Dibromoethane	0.663	0.635	4.2	79	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	-0.01
56	1,1,1,2-Tetrachloroethane	0.446	0.412	7.6	78	-0.01
57 T	Chlorobenzene	0.871	0.768	11.8	80	-0.02
58 T	Ethyl Benzene	1.614	1.494	7.4	82	-0.01
59 T	m/p-Xylene	1.336	1.216	9.0	82	-0.02
60 T	o-Xylene	1.336	1.194	10.6	81	-0.01
61 T	Styrene	0.957	0.895	6.5	79	-0.01
62	Isopropylbenzene	1.730	1.548	10.5	81	-0.02
63 T	1,1,2,2-Tetrachloroethane	1.096	0.860	21.5	79	-0.02
64	n-propylbenzene	0.438	0.389	11.2	76	-0.02
65	tert-Butylbenzene	1.512	1.321	12.6	81	-0.01
66 T	Benzyl Chloride	0.535	0.654	-22.2	80	-0.02
67	sec-Butylbenzene	2.161	1.904	11.9	81	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.869	0.802	7.7	73	-0.02
69	p-Isopropyltoluene	1.750	1.540	12.0	81	-0.01
70	n-Butylbenzene	2.038	1.752	14.0	80	-0.02
71	2-Chlorotoluene	1.413	1.249	11.6	78	-0.02
72 T	4-Ethyltoluene	1.510	1.369	9.3	80	-0.02
73 T	1,3,5-Trimethylbenzene	1.459	1.312	10.1	81	-0.02
74 T	1,2,4-Trimethylbenzene	1.549	1.318	14.9	81	-0.02
75 T	1,3-Dichlorobenzene	0.831	0.726	12.6	81	-0.01
76 T	1,4-Dichlorobenzene	0.851	0.726	14.7	78	-0.02
77 T	1,2-Dichlorobenzene	0.841	0.706	16.1	78	-0.02
78 T	Hexachloro-1,3-Butadiene	0.557	0.546	2.0	98	0.00
79 T	Naphthalene	1.363	1.175	13.8	78	-0.02
80 T	Naphthalene,2-methyl-	0.634	0.509	19.7	62	-0.01
81 T	1,2,4-Trichlorobenzene	0.755	0.657	13.0	81	-0.01

(#) = Out of Range

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