

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091819\
 Data File : VL034195.D
 Acq On : 19 Sep 2019 10:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 11:13:28 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	90	0.00
2 T	Dichlorodifluoromethane	1.477	1.238	16.2	92	0.00
3	Chlorodifluoromethane	1.173	1.071	8.7	89	0.00
4	Chloromethane	0.689	0.646	6.2	90	0.00
5 T	Vinyl Chloride	0.630	0.569	9.7	90	0.00
6 T	Bromomethane	0.294	0.271	7.8	87	0.00
7	Chloroethane	0.220	0.208	5.5	90	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.192	8.6	91	0.00
9 T	Propene	0.578	0.526	9.0	86	0.00
10 T	Heptane	1.508	1.401	7.1	88	-0.01
11 T	Trichlorofluoromethane	1.345	1.272	5.4	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.827	6.0	92	0.00
13	Ethanol	0.140	0.117	16.4	117	0.00
14 T	Bromoethene	0.360	0.355	1.4	91	0.00
15 T	Acetone	1.340	1.088	18.8	93	0.00
16 T	1,3-Butadiene	0.585	0.567	3.1	91	0.00
17	tert-Butyl alcohol	0.849	0.933	-9.9	105	0.00
18 T	1,1-Dichloroethene	0.384	0.371	3.4	90	0.00
19 T	Isopropyl Alcohol	0.824	0.852	-3.4	112	0.00
20 T	Methylene Chloride	0.386	0.341	11.7	92	0.00
21 T	Allyl Chloride	0.757	0.763	-0.8	92	0.00
22 T	trans-1,2-Dichloroethene	0.384	0.376	2.1	91	0.00
23 T	Vinyl Acetate	1.975	1.837	7.0	88	0.00
24 T	1,1-Dichloroethane	1.330	1.200	9.8	89	0.00
25 T	Ethyl Acetate	2.534	2.247	11.3	90	0.00
26 T	Hexane	1.054	0.944	10.4	89	0.00
27 T	Carbon Disulfide	0.972	1.058	-8.8	94	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.448	7.5	88	0.00
29 T	Chloroform	1.507	1.411	6.4	90	-0.01
30 T	Cyclohexane	0.761	0.704	7.5	86	0.00
31 T	cis-1,2-Dichloroethene	1.075	1.012	5.9	87	0.00
32 T	1,1,1-Trichloroethane	1.453	1.353	6.9	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
34 T	2-Butanone	1.021	0.931	8.8	87	0.00
35 T	Carbon Tetrachloride	0.831	0.807	2.9	91	0.00
36 T	Benzene	1.104	1.013	8.2	86	0.00
37 T	1,2-Dichloroethane	0.786	0.766	2.5	91	0.00
38 T	Trichloroethene	0.395	0.343	13.2	87	0.00
39 T	1,2-Dichloropropane	0.496	0.448	9.7	85	0.00
40 T	1,4-Dioxane	0.161	0.149	7.5	98	0.00
41 T	Tetrahydrofuran	0.575	0.548	4.7	86	0.00
42 T	Bromodichloromethane	0.943	0.928	1.6	89	0.00
43	Methyl Methacrylate	0.456	0.450	1.3	87	0.00
44 T	2,2,4-Trimethylpentane	2.126	1.911	10.1	89	0.00
45 T	t-1,3-Dichloropropene	0.539	0.589	-9.3	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.664	-2.3	85	0.00
47 T	1,1,2-Trichloroethane	0.446	0.405	9.2	86	0.00
48 T	Dibromochloromethane	0.706	0.701	0.7	88	0.00
49 T	Bromoform	0.572	0.569	0.5	86	-0.02
50 T	4-Methyl-2-Pentanone	1.486	1.366	8.1	88	0.00
51 T	2-Hexanone	1.247	1.158	7.1	86	-0.01
52 T	Tetrachloroethene	0.365	0.305	16.4	83	-0.01
53 T	Toluene	1.207	1.115	7.6	86	-0.01
54 T	1,2-Dibromoethane	0.663	0.609	8.1	86	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.416	6.7	88	0.00
57 T	Chlorobenzene	0.871	0.741	14.9	85	0.00
58 T	Ethyl Benzene	1.614	1.429	11.5	87	-0.01
59 T	m/p-Xylene	1.336	1.175	12.1	88	0.00
60 T	o-Xylene	1.336	1.160	13.2	88	0.00
61 T	Styrene	0.957	0.853	10.9	84	0.00
62	Isopropylbenzene	1.730	1.508	12.8	88	0.00
63 T	1,1,2,2-Tetrachloroethane	1.096	0.845	22.9	87	0.00
64	n-propylbenzene	0.438	0.386	11.9	85	-0.01
65	tert-Butylbenzene	1.512	1.263	16.5	87	0.00
66 T	Benzyl Chloride	0.535	0.590	-10.3	81	0.00
67	sec-Butylbenzene	2.161	1.834	15.1	87	0.00
68 S	1-Bromo-4-Fluorobenzene	0.869	0.867	0.2	87	-0.01
69	p-Isopropyltoluene	1.750	1.479	15.5	86	0.00
70	n-Butylbenzene	2.038	1.715	15.8	88	0.00
71	2-Chlorotoluene	1.413	1.216	13.9	85	-0.01
72 T	4-Ethyltoluene	1.510	1.327	12.1	86	0.00
73 T	1,3,5-Trimethylbenzene	1.459	1.263	13.4	86	0.00
74 T	1,2,4-Trimethylbenzene	1.549	1.276	17.6	87	0.00
75 T	1,3-Dichlorobenzene	0.831	0.688	17.2	86	0.00
76 T	1,4-Dichlorobenzene	0.851	0.699	17.9	84	-0.01
77 T	1,2-Dichlorobenzene	0.841	0.680	19.1	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.502	9.9	100	0.00
79 T	Naphthalene	1.363	1.127	17.3	83	0.00
80 T	Naphthalene,2-methyl-	0.634	0.483	23.8	65	0.00
81 T	1,2,4-Trichlorobenzene	0.755	0.608	19.5	83	0.00

(#) = Out of Range

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