

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091019\
 Data File : VL034138.D
 Acq On : 10 Sep 2019 9:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 01:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 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	83	0.00
2 T	Dichlorodifluoromethane	1.649	1.579	4.2	85	0.00
3	Chlorodifluoromethane	1.115	1.076	3.5	88	0.00
4	Chloromethane	0.697	0.670	3.9	85	0.00
5 T	Vinyl Chloride	0.635	0.591	6.9	86	0.00
6 T	Bromomethane	0.313	0.293	6.4	82	0.00
7	Chloroethane	0.216	0.214	0.9	87	0.00
8 T	Dichlorotetrafluoroethane	1.328	1.221	8.1	85	0.00
9 T	Propene	0.624	0.590	5.4	84	0.00
10 T	Heptane	1.619	1.525	5.8	86	0.00
11 T	Trichlorofluoromethane	1.345	1.261	6.2	85	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.900	0.837	7.0	83	0.00
13	Ethanol	0.122	0.087	28.7	72	0.00
14 T	Bromoethene	0.390	0.378	3.1	85	0.00
15 T	Acetone	1.205	1.111	7.8	88	0.00
16 T	1,3-Butadiene	0.610	0.586	3.9	85	0.00
17	tert-Butyl alcohol	0.875	0.750	14.3	75	0.00
18 T	1,1-Dichloroethene	0.411	0.401	2.4	84	0.00
19 T	Isopropyl Alcohol	0.813	0.614	24.5	71	0.00
20 T	Methylene Chloride	0.398	0.353	11.3	84	0.00
21 T	Allyl Chloride	0.795	0.790	0.6	86	0.00
22 T	trans-1,2-Dichloroethene	0.412	0.397	3.6	85	0.00
23 T	Vinyl Acetate	2.045	1.994	2.5	85	0.00
24 T	1,1-Dichloroethane	1.357	1.269	6.5	85	0.00
25 T	Ethyl Acetate	2.646	2.382	10.0	86	0.00
26 T	Hexane	1.176	1.030	12.4	87	0.00
27 T	Carbon Disulfide	1.062	1.066	-0.4	83	0.00
28 T	Methyl tert-Butyl Ether	1.723	1.630	5.4	84	0.00
29 T	Chloroform	1.586	1.463	7.8	84	0.00
30 T	Cyclohexane	0.850	0.809	4.8	84	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.093	2.9	85	0.00
32 T	1,1,1-Trichloroethane	1.499	1.386	7.5	83	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.961	0.889	7.5	86	0.00
35 T	Carbon Tetrachloride	0.780	0.710	9.0	84	0.00
36 T	Benzene	1.143	1.050	8.1	84	0.00
37 T	1,2-Dichloroethane	0.701	0.655	6.6	86	0.00
38 T	Trichloroethene	0.427	0.339	20.6	83	0.00
39 T	1,2-Dichloropropane	0.489	0.451	7.8	85	0.00
40 T	1,4-Dioxane	0.180	0.127	29.4	75	-0.01
41 T	Tetrahydrofuran	0.576	0.545	5.4	85	0.00
42 T	Bromodichloromethane	0.914	0.859	6.0	84	0.00
43	Methyl Methacrylate	0.471	0.451	4.2	84	0.00
44 T	2,2,4-Trimethylpentane	2.107	1.839	12.7	86	0.00
45 T	t-1,3-Dichloropropene	0.553	0.596	-7.8	84	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.673	0.675	-0.3	85	0.00
47 T	1,1,2-Trichloroethane	0.446	0.411	7.8	84	0.00
48 T	Dibromochloromethane	0.665	0.659	0.9	85	0.00
49 T	Bromoform	0.583	0.567	2.7	84	0.00
50 T	4-Methyl-2-Pentanone	1.467	1.312	10.6	87	0.00
51 T	2-Hexanone	1.267	1.139	10.1	86	0.00
52 T	Tetrachloroethene	0.403	0.327	18.9	83	0.00
53 T	Toluene	1.264	1.163	8.0	84	0.00
54 T	1,2-Dibromoethane	0.664	0.614	7.5	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.429	0.387	9.8	84	0.00
57 T	Chlorobenzene	0.860	0.738	14.2	84	0.00
58 T	Ethyl Benzene	1.640	1.438	12.3	86	0.00
59 T	m/p-Xylene	1.338	1.146	14.3	85	0.00
60 T	o-Xylene	1.332	1.125	15.5	84	0.00
61 T	Styrene	0.997	0.894	10.3	84	0.00
62	Isopropylbenzene	1.734	1.473	15.1	85	-0.01
63 T	1,1,2,2-Tetrachloroethane	1.086	0.822	24.3	86	0.00
64	n-propylbenzene	0.434	0.382	12.0	83	0.00
65	tert-Butylbenzene	1.496	1.224	18.2	84	0.00
66 T	Benzyl Chloride	0.552	0.627	-13.6	78	-0.01
67	sec-Butylbenzene	2.151	1.780	17.2	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.818	0.790	3.4	82	0.00
69	p-Isopropyltoluene	1.721	1.444	16.1	86	0.00
70	n-Butylbenzene	1.959	1.629	16.8	87	-0.01
71	2-Chlorotoluene	1.416	1.216	14.1	84	-0.01
72 T	4-Ethyltoluene	1.503	1.315	12.5	85	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.244	14.9	85	0.00
74 T	1,2,4-Trimethylbenzene	1.504	1.224	18.6	85	0.00
75 T	1,3-Dichlorobenzene	0.797	0.649	18.6	83	0.00
76 T	1,4-Dichlorobenzene	0.835	0.702	15.9	85	-0.01
77 T	1,2-Dichlorobenzene	0.816	0.676	17.2	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.536	3.8	101	0.00
79 T	Naphthalene	1.360	1.192	12.4	84	0.00
80 T	Naphthalene,2-methyl-	0.472	0.720	-52.5#	85	0.00
81 T	1,2,4-Trichlorobenzene	0.740	0.624	15.7	84	0.00

(#) = Out of Range

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