

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091019\
 Data File : VL034158.D
 Acq On : 11 Sep 2019 00:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 04:44:20 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	54	0.00
2 T	Dichlorodifluoromethane	1.649	1.679	-1.8	59	0.00
3	Chlorodifluoromethane	1.115	1.105	0.9	59	0.00
4	Chloromethane	0.697	0.682	2.2	56	0.00
5 T	Vinyl Chloride	0.635	0.607	4.4	57	0.00
6 T	Bromomethane	0.313	0.300	4.2	54	0.00
7	Chloroethane	0.216	0.215	0.5	57	0.00
8 T	Dichlorotetrafluoroethane	1.328	1.275	4.0	57	0.00
9 T	Propene	0.624	0.584	6.4	54	0.00
10 T	Heptane	1.619	1.522	6.0	55	0.00
11 T	Trichlorofluoromethane	1.345	1.306	2.9	57	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.900	0.875	2.8	56	0.00
13	Ethanol	0.122	0.080	34.4#	43	0.00
14 T	Bromoethene	0.390	0.380	2.6	55	0.00
15 T	Acetone	1.205	1.099	8.8	56	0.00
16 T	1,3-Butadiene	0.610	0.604	1.0	57	0.00
17	tert-Butyl alcohol	0.875	0.690	21.1	45	0.00
18 T	1,1-Dichloroethene	0.411	0.405	1.5	55	0.00
19 T	Isopropyl Alcohol	0.813	0.625	23.1	47	0.00
20 T	Methylene Chloride	0.398	0.361	9.3	55	0.00
21 T	Allyl Chloride	0.795	0.794	0.1	56	0.00
22 T	trans-1,2-Dichloroethene	0.412	0.417	-1.2	58	0.00
23 T	Vinyl Acetate	2.045	2.030	0.7	56	0.00
24 T	1,1-Dichloroethane	1.357	1.295	4.6	56	0.00
25 T	Ethyl Acetate	2.646	2.433	8.0	57	0.00
26 T	Hexane	1.176	1.029	12.5	56	0.00
27 T	Carbon Disulfide	1.062	1.089	-2.5	55	0.00
28 T	Methyl tert-Butyl Ether	1.723	1.647	4.4	55	0.00
29 T	Chloroform	1.586	1.504	5.2	56	0.00
30 T	Cyclohexane	0.850	0.815	4.1	54	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.097	2.6	55	0.00
32 T	1,1,1-Trichloroethane	1.499	1.391	7.2	54	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
34 T	2-Butanone	0.961	0.907	5.6	56	0.00
35 T	Carbon Tetrachloride	0.780	0.722	7.4	55	0.00
36 T	Benzene	1.143	1.064	6.9	55	0.00
37 T	1,2-Dichloroethane	0.701	0.671	4.3	56	0.00
38 T	Trichloroethene	0.427	0.333	22.0	52	0.00
39 T	1,2-Dichloropropane	0.489	0.456	6.7	55	0.00
40 T	1,4-Dioxane	0.180	0.132	26.7	50	0.00
41 T	Tetrahydrofuran	0.576	0.552	4.2	55	0.00
42 T	Bromodichloromethane	0.914	0.869	4.9	54	0.00
43	Methyl Methacrylate	0.471	0.449	4.7	53	0.00
44 T	2,2,4-Trimethylpentane	2.107	1.914	9.2	57	0.00
45 T	t-1,3-Dichloropropene	0.553	0.565	-2.2	51	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.673	0.660	1.9	53	0.00
47 T	1,1,2-Trichloroethane	0.446	0.405	9.2	53	0.00
48 T	Dibromochloromethane	0.665	0.651	2.1	54	0.00
49 T	Bromoform	0.583	0.520	10.8	49	0.00
50 T	4-Methyl-2-Pentanone	1.467	1.333	9.1	56	0.00
51 T	2-Hexanone	1.267	1.145	9.6	55	0.00
52 T	Tetrachloroethene	0.403	0.325	19.4	53	0.00
53 T	Toluene	1.264	1.172	7.3	54	0.00
54 T	1,2-Dibromoethane	0.664	0.602	9.3	53	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	53	0.00
56	1,1,1,2-Tetrachloroethane	0.429	0.374	12.8	53	0.00
57 T	Chlorobenzene	0.860	0.717	16.6	53	0.00
58 T	Ethyl Benzene	1.640	1.419	13.5	55	0.00
59 T	m/p-Xylene	1.338	1.136	15.1	55	0.00
60 T	o-Xylene	1.332	1.108	16.8	54	0.00
61 T	Styrene	0.997	0.854	14.3	52	0.00
62	Isopropylbenzene	1.734	1.436	17.2	54	-0.01
63 T	1,1,2,2-Tetrachloroethane	1.086	0.767	29.4	52	0.00
64	n-propylbenzene	0.434	0.362	16.6	51	0.00
65	tert-Butylbenzene	1.496	1.186	20.7	53	0.00
66 T	Benzyl Chloride	0.552	0.495	10.3	40	0.00
67	sec-Butylbenzene	2.151	1.774	17.5	56	0.00
68 S	1-Bromo-4-Fluorobenzene	0.818	0.775	5.3	52	0.00
69	p-Isopropyltoluene	1.721	1.433	16.7	55	0.00
70	n-Butylbenzene	1.959	1.670	14.8	58	0.00
71	2-Chlorotoluene	1.416	1.173	17.2	53	0.00
72 T	4-Ethyltoluene	1.503	1.279	14.9	54	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.213	17.0	54	0.00
74 T	1,2,4-Trimethylbenzene	1.504	1.209	19.6	55	0.00
75 T	1,3-Dichlorobenzene	0.797	0.652	18.2	54	0.00
76 T	1,4-Dichlorobenzene	0.835	0.688	17.6	54	0.00
77 T	1,2-Dichlorobenzene	0.816	0.670	17.9	54	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.615	-10.4	76	0.00
79 T	Naphthalene	1.360	1.460	-7.4	67	0.00
80 T	Naphthalene,2-methyl-	0.472	0.653	-38.3#	50	0.00
81 T	1,2,4-Trichlorobenzene	0.740	0.742	-0.3	65	0.00

(#) = Out of Range

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