

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL051419\
 Data File : VL033685.D
 Acq On : 14 May 2019 10:03
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 02:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 06 15:19:01 2019
 QLast Update : Mon May 06 15:19:01 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	101	0.00
2 T	Dichlorodifluoromethane	2.345	1.952	16.8	94	0.00
3	Chlorodifluoromethane	1.444	1.110	23.1	99	0.00
4	Chloromethane	0.751	0.590	21.4	92	0.00
5 T	Vinyl Chloride	0.730	0.592	18.9	94	0.00
6 T	Bromomethane	0.464	0.379	18.3	94	0.00
7	Chloroethane	0.265	0.226	14.7	98	0.00
8 T	Dichlorotetrafluoroethane	1.931	1.528	20.9	93	0.00
9 T	Propene	0.551	0.447	18.9	92	0.00
10 T	Heptane	1.359	1.471	-8.2	111	0.00
11 T	Trichlorofluoromethane	2.190	1.848	15.6	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.472	1.239	15.8	95	0.00
13	Ethanol	0.165	0.116	29.7	103	0.00
14 T	Bromoethene	0.580	0.481	17.1	90	0.00
15 T	Acetone	1.488	1.141	23.3	95	0.00
16 T	1,3-Butadiene	0.638	0.536	16.0	92	0.00
17	tert-Butyl alcohol	1.130	1.029	8.9	98	0.00
18 T	1,1-Dichloroethene	0.636	0.540	15.1	94	0.00
19 T	Isopropyl Alcohol	0.914	0.771	15.6	95	0.00
20 T	Methylene Chloride	0.565	0.459	18.8	95	0.00
21 T	Allyl Chloride	0.900	0.792	12.0	94	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.562	11.9	95	0.00
23 T	Vinyl Acetate	1.933	1.804	6.7	96	0.00
24 T	1,1-Dichloroethane	1.462	1.247	14.7	95	0.00
25 T	Ethyl Acetate	2.420	2.359	2.5	105	0.00
26 T	Hexane	1.040	1.036	0.4	105	0.00
27 T	Carbon Disulfide	1.423	1.375	3.4	96	0.00
28 T	Methyl tert-Butyl Ether	1.752	1.608	8.2	95	0.00
29 T	Chloroform	1.871	1.780	4.9	105	0.00
30 T	Cyclohexane	0.874	0.874	0.0	99	0.00
31 T	cis-1,2-Dichloroethene	1.035	1.081	-4.4	106	0.00
32 T	1,1,1-Trichloroethane	1.932	1.832	5.2	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.640	0.609	4.8	95	0.00
35 T	Carbon Tetrachloride	0.822	0.844	-2.7	100	0.00
36 T	Benzene	0.897	0.900	-0.3	97	0.00
37 T	1,2-Dichloroethane	0.626	0.602	3.8	105	0.00
38 T	Trichloroethene	0.329	0.423	-28.6	113	0.00
39 T	1,2-Dichloropropane	0.334	0.349	-4.5	101	0.00
40 T	1,4-Dioxane	0.134	0.141	-5.2	102	0.00
41 T	Tetrahydrofuran	0.331	0.367	-10.9	101	0.00
42 T	Bromodichloromethane	0.808	0.927	-14.7	111	0.00
43	Methyl Methacrylate	0.337	0.418	-24.0	113	0.00
44 T	2,2,4-Trimethylpentane	1.533	1.732	-13.0	110	0.00
45 T	t-1,3-Dichloropropene	0.414	0.538	-30.0	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.517	0.636	-23.0	109	0.00
47 T	1,1,2-Trichloroethane	0.384	0.407	-6.0	106	0.00
48 T	Dibromochloromethane	0.651	0.728	-11.8	102	0.00
49 T	Bromoform	0.565	0.680	-20.4	106	0.00
50 T	4-Methyl-2-Pentanone	0.970	1.100	-13.4	106	0.00
51 T	2-Hexanone	0.751	0.822	-9.5	98	0.00
52 T	Tetrachloroethene	0.318	0.362	-13.8	104	0.00
53 T	Toluene	0.969	1.104	-13.9	102	0.00
54 T	1,2-Dibromoethane	0.578	0.651	-12.6	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.440	4.6	106	0.00
57 T	Chlorobenzene	0.821	0.763	7.1	106	0.00
58 T	Ethyl Benzene	1.304	1.365	-4.7	105	0.00
59 T	m/p-Xylene	1.149	1.136	1.1	105	0.00
60 T	o-Xylene	1.162	1.144	1.5	104	0.00
61 T	Styrene	0.774	0.852	-10.1	104	0.00
62	Isopropylbenzene	1.587	1.569	1.1	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.788	6.9	104	0.00
64	n-propylbenzene	0.410	0.404	1.5	105	0.00
65	tert-Butylbenzene	1.456	1.429	1.9	106	0.00
66 T	Benzyl Chloride	0.662	0.835	-26.1	113	0.00
67	sec-Butylbenzene	2.031	1.983	2.4	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.767	6.5	101	0.00
69	p-Isopropyltoluene	1.674	1.556	7.0	97	0.00
70	n-Butylbenzene	1.775	1.759	0.9	103	0.00
71	2-Chlorotoluene	1.173	1.194	-1.8	107	0.00
72 T	4-Ethyltoluene	1.366	1.324	3.1	101	0.00
73 T	1,3,5-Trimethylbenzene	1.321	1.259	4.7	101	0.00
74 T	1,2,4-Trimethylbenzene	1.469	1.373	6.5	105	0.00
75 T	1,3-Dichlorobenzene	0.887	0.808	8.9	104	0.00
76 T	1,4-Dichlorobenzene	0.842	0.798	5.2	103	0.00
77 T	1,2-Dichlorobenzene	0.822	0.716	12.9	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.651	0.460	29.3	91	0.00
79 T	Naphthalene	1.341	1.170	12.8	87	0.00
80 T	Naphthalene,2-methyl-	0.507	0.421	17.0	73	0.00
81 T	1,2,4-Trichlorobenzene	0.779	0.657	15.7	91	0.00

(#) = Out of Range

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