

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL051419\
 Data File : VL033698.D
 Acq On : 14 May 2019 19:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 04:04:04 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	83	0.00
2 T	Dichlorodifluoromethane	2.345	2.014	14.1	79	0.00
3	Chlorodifluoromethane	1.444	1.260	12.7	92	0.00
4	Chloromethane	0.751	0.761	-1.3	97	0.00
5 T	Vinyl Chloride	0.730	0.765	-4.8	99	0.00
6 T	Bromomethane	0.464	0.487	-5.0	99	0.00
7	Chloroethane	0.265	0.280	-5.7	100	0.00
8 T	Dichlorotetrafluoroethane	1.931	1.942	-0.6	96	0.00
9 T	Propene	0.551	0.549	0.4	92	0.00
10 T	Heptane	1.359	1.637	-20.5	101	0.00
11 T	Trichlorofluoromethane	2.190	2.174	0.7	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.472	1.461	0.7	92	0.00
13	Ethanol	0.165	0.137	17.0	99	0.00
14 T	Bromoethene	0.580	0.585	-0.9	90	0.00
15 T	Acetone	1.488	1.338	10.1	92	0.00
16 T	1,3-Butadiene	0.638	0.650	-1.9	92	0.00
17	tert-Butyl alcohol	1.130	1.248	-10.4	98	0.00
18 T	1,1-Dichloroethene	0.636	0.662	-4.1	94	0.00
19 T	Isopropyl Alcohol	0.914	0.948	-3.7	96	0.00
20 T	Methylene Chloride	0.565	0.552	2.3	93	0.00
21 T	Allyl Chloride	0.900	0.959	-6.6	93	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.704	-10.3	97	0.00
23 T	Vinyl Acetate	1.933	2.192	-13.4	96	0.00
24 T	1,1-Dichloroethane	1.462	1.518	-3.8	95	0.00
25 T	Ethyl Acetate	2.420	2.623	-8.4	96	0.00
26 T	Hexane	1.040	1.152	-10.8	95	0.00
27 T	Carbon Disulfide	1.423	1.629	-14.5	93	0.00
28 T	Methyl tert-Butyl Ether	1.752	1.983	-13.2	96	0.00
29 T	Chloroform	1.871	1.922	-2.7	93	0.00
30 T	Cyclohexane	0.874	1.002	-14.6	93	0.00
31 T	cis-1,2-Dichloroethene	1.035	1.167	-12.8	94	0.00
32 T	1,1,1-Trichloroethane	1.932	1.994	-3.2	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.640	0.700	-9.4	95	0.00
35 T	Carbon Tetrachloride	0.822	0.889	-8.2	91	0.00
36 T	Benzene	0.897	1.005	-12.0	93	0.00
37 T	1,2-Dichloroethane	0.626	0.598	4.5	90	0.00
38 T	Trichloroethene	0.329	0.436	-32.5#	101	0.00
39 T	1,2-Dichloropropane	0.334	0.402	-20.4	101	0.00
40 T	1,4-Dioxane	0.134	0.163	-21.6	102	0.00
41 T	Tetrahydrofuran	0.331	0.395	-19.3	94	0.00
42 T	Bromodichloromethane	0.808	0.936	-15.8	97	0.00
43	Methyl Methacrylate	0.337	0.428	-27.0	100	0.00
44 T	2,2,4-Trimethylpentane	1.533	1.775	-15.8	98	0.00
45 T	t-1,3-Dichloropropene	0.414	0.578	-39.6#	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.517	0.658	-27.3	97	0.00
47 T	1,1,2-Trichloroethane	0.384	0.442	-15.1	99	0.00
48 T	Dibromochloromethane	0.651	0.807	-24.0	97	0.00
49 T	Bromoform	0.565	0.700	-23.9	94	0.00
50 T	4-Methyl-2-Pentanone	0.970	1.143	-17.8	95	0.00
51 T	2-Hexanone	0.751	0.937	-24.8	97	0.00
52 T	Tetrachloroethene	0.318	0.405	-27.4	100	0.00
53 T	Toluene	0.969	1.241	-28.1	99	0.00
54 T	1,2-Dibromoethane	0.578	0.702	-21.5	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.471	-2.2	96	0.00
57 T	Chlorobenzene	0.821	0.833	-1.5	98	0.00
58 T	Ethyl Benzene	1.304	1.499	-15.0	98	0.00
59 T	m/p-Xylene	1.149	1.231	-7.1	97	0.00
60 T	o-Xylene	1.162	1.235	-6.3	96	0.00
61 T	Styrene	0.774	0.935	-20.8	97	0.00
62	Isopropylbenzene	1.587	1.654	-4.2	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.832	1.7	93	0.00
64	n-propylbenzene	0.410	0.431	-5.1	95	0.00
65	tert-Butylbenzene	1.456	1.478	-1.5	93	0.00
66 T	Benzyl Chloride	0.662	0.821	-24.0	94	0.00
67	sec-Butylbenzene	2.031	2.074	-2.1	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.773	5.7	87	0.00
69	p-Isopropyltoluene	1.674	1.737	-3.8	92	0.00
70	n-Butylbenzene	1.775	1.810	-2.0	90	0.00
71	2-Chlorotoluene	1.173	1.245	-6.1	95	0.00
72 T	4-Ethyltoluene	1.366	1.457	-6.7	94	0.00
73 T	1,3,5-Trimethylbenzene	1.321	1.359	-2.9	92	0.00
74 T	1,2,4-Trimethylbenzene	1.469	1.434	2.4	93	0.00
75 T	1,3-Dichlorobenzene	0.887	0.840	5.3	92	0.00
76 T	1,4-Dichlorobenzene	0.842	0.843	-0.1	92	0.00
77 T	1,2-Dichlorobenzene	0.822	0.800	2.7	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.651	0.727	-11.7	122	0.00
79 T	Naphthalene	1.341	1.656	-23.5	104	0.00
80 T	Naphthalene,2-methyl-	0.507	0.805	-58.8#	118	0.00
81 T	1,2,4-Trichlorobenzene	0.779	0.851	-9.2	100	0.00

(#) = Out of Range

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