

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022820\
 Data File : VL034756.D
 Acq On : 29 Feb 2020 3:44
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 02 08:47:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 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	1.578	1.908	-20.9	130	0.00
3	Chlorodifluoromethane	1.079	1.230	-14.0	102	0.00
4	Chloromethane	0.604	0.697	-15.4	100	0.00
5 T	Vinyl Chloride	0.593	0.665	-12.1	98	0.00
6 T	Bromomethane	0.347	0.396	-14.1	99	0.00
7	Chloroethane	0.220	0.244	-10.9	95	0.00
8 T	Dichlorotetrafluoroethane	1.395	1.495	-7.2	98	0.00
9 T	Propene	0.451	0.549	-21.7	104	0.00
10 T	Heptane	1.161	1.412	-21.6	100	0.00
11 T	Trichlorofluoromethane	1.382	1.559	-12.8	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.974	1.084	-11.3	102	0.00
13	Ethanol	0.143	0.118	17.5	75	0.00
14 T	Bromoethene	0.406	0.481	-18.5	102	0.00
15 T	Acetone	1.140	1.306	-14.6	110	0.00
16 T	1,3-Butadiene	0.527	0.620	-17.6	100	0.00
17	tert-Butyl alcohol	0.873	0.923	-5.7	78	0.00
18 T	1,1-Dichloroethene	0.437	0.493	-12.8	100	0.00
19 T	Isopropyl Alcohol	0.679	0.660	2.8	73	0.00
20 T	Methylene Chloride	0.424	0.440	-3.8	102	0.00
21 T	Allyl Chloride	0.754	0.904	-19.9	101	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.499	-17.1	100	0.00
23 T	Vinyl Acetate	1.549	2.035	-31.4#	105	0.00
24 T	1,1-Dichloroethane	1.237	1.387	-12.1	99	0.00
25 T	Ethyl Acetate	2.017	2.384	-18.2	102	0.00
26 T	Hexane	0.930	1.055	-13.4	99	0.00
27 T	Carbon Disulfide	1.055	1.296	-22.8	99	0.00
28 T	Methyl tert-Butyl Ether	1.328	1.673	-26.0	104	0.00
29 T	Chloroform	1.481	1.636	-10.5	98	0.00
30 T	Cyclohexane	0.721	0.879	-21.9	100	0.00
31 T	cis-1,2-Dichloroethene	0.915	1.105	-20.8	99	0.00
32 T	1,1,1-Trichloroethane	1.383	1.606	-16.1	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.629	0.744	-18.3	102	0.00
35 T	Carbon Tetrachloride	0.670	0.758	-13.1	98	0.00
36 T	Benzene	0.864	0.985	-14.0	99	0.00
37 T	1,2-Dichloroethane	0.544	0.622	-14.3	101	0.00
38 T	Trichloroethene	0.333	0.361	-8.4	97	0.00
39 T	1,2-Dichloropropane	0.344	0.397	-15.4	98	0.00
40 T	1,4-Dioxane	0.117	0.125	-6.8	84	0.00
41 T	Tetrahydrofuran	0.332	0.420	-26.5	101	0.00
42 T	Bromodichloromethane	0.713	0.823	-15.4	98	0.00
43	Methyl Methacrylate	0.363	0.450	-24.0	98	0.00
44 T	2,2,4-Trimethylpentane	1.509	1.702	-12.8	98	0.00
45 T	t-1,3-Dichloropropene	0.396	0.534	-34.8#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.624	-31.4#	99	0.00
47 T	1,1,2-Trichloroethane	0.353	0.395	-11.9	97	0.00
48 T	Dibromochloromethane	0.548	0.658	-20.1	97	0.00
49 T	Bromoform	0.475	0.562	-18.3	95	0.00
50 T	4-Methyl-2-Pentanone	0.892	1.087	-21.9	100	0.00
51 T	2-Hexanone	0.702	0.900	-28.2	100	0.00
52 T	Tetrachloroethene	0.317	0.340	-7.3	100	0.00
53 T	Toluene	0.919	1.121	-22.0	98	0.00
54 T	1,2-Dibromoethane	0.526	0.603	-14.6	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.426	0.440	-3.3	99	0.00
57 T	Chlorobenzene	0.739	0.739	0.0	97	0.00
58 T	Ethyl Benzene	1.210	1.347	-11.3	99	0.00
59 T	m/p-Xylene	1.055	1.103	-4.5	96	0.00
60 T	o-Xylene	1.047	1.082	-3.3	97	0.00
61 T	Styrene	0.673	0.776	-15.3	95	0.00
62	Isopropylbenzene	1.528	1.580	-3.4	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.816	0.760	6.9	96	0.00
64	n-propylbenzene	0.394	0.410	-4.1	95	0.00
65	tert-Butylbenzene	1.319	1.361	-3.2	97	0.00
66 T	Benzyl Chloride	0.492	0.618	-25.6	96	0.00
67	sec-Butylbenzene	1.898	1.965	-3.5	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.775	5.5	85	0.00
69	p-Isopropyltoluene	1.562	1.625	-4.0	98	0.00
70	n-Butylbenzene	1.701	1.757	-3.3	98	0.00
71	2-Chlorotoluene	1.183	1.229	-3.9	96	0.00
72 T	4-Ethyltoluene	1.165	1.271	-9.1	97	0.00
73 T	1,3,5-Trimethylbenzene	1.121	1.204	-7.4	98	0.00
74 T	1,2,4-Trimethylbenzene	1.238	1.257	-1.5	100	0.00
75 T	1,3-Dichlorobenzene	0.715	0.711	0.6	98	0.00
76 T	1,4-Dichlorobenzene	0.715	0.719	-0.6	97	0.00
77 T	1,2-Dichlorobenzene	0.691	0.705	-2.0	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.602	0.635	-5.5	109	0.00
79 T	Naphthalene	1.090	1.254	-15.0	103	0.00
80 T	Naphthalene,2-methyl-	0.336	0.491	-46.1#	149	0.00
81 T	1,2,4-Trichlorobenzene	0.650	0.715	-10.0	104	0.00

(#) = Out of Range

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