

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070820\
 Data File : VL035188.D
 Acq On : 8 Jul 2020 17:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 08 17:58:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 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	89	0.00
2 T	Dichlorodifluoromethane	1.401	1.207	13.8	91	0.00
3	Chlorodifluoromethane	1.105	1.002	9.3	95	0.00
4	Chloromethane	0.623	0.560	10.1	94	0.00
5 T	Vinyl Chloride	0.665	0.569	14.4	93	0.00
6 T	Bromomethane	0.378	0.363	4.0	94	0.00
7	Chloroethane	0.235	0.214	8.9	91	0.00
8 T	Dichlorotetrafluoroethane	1.536	1.379	10.2	96	0.00
9 T	Propene	0.417	0.400	4.1	92	0.00
10 T	Heptane	1.072	1.149	-7.2	95	0.00
11 T	Trichlorofluoromethane	1.583	1.464	7.5	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.029	7.4	95	0.00
13	Ethanol	0.133	0.090	32.3#	98	0.00
14 T	Bromoethene	0.457	0.442	3.3	94	0.00
15 T	Acetone	1.354	1.072	20.8	93	0.00
16 T	1,3-Butadiene	0.520	0.520	0.0	95	0.00
17	tert-Butyl alcohol	1.198	1.228	-2.5	102	0.00
18 T	1,1-Dichloroethene	0.492	0.467	5.1	93	0.00
19 T	Isopropyl Alcohol	0.817	0.785	3.9	101	0.00
20 T	Methylene Chloride	0.589	0.410	30.4#	93	0.00
21 T	Allyl Chloride	0.788	0.763	3.2	95	0.00
22 T	trans-1,2-Dichloroethene	0.491	0.472	3.9	95	0.00
23 T	Vinyl Acetate	1.465	1.459	0.4	93	0.00
24 T	1,1-Dichloroethane	1.259	1.170	7.1	93	0.00
25 T	Ethyl Acetate	2.101	2.017	4.0	94	0.00
26 T	Hexane	0.926	0.896	3.2	93	0.00
27 T	Carbon Disulfide	1.294	1.297	-0.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.411	1.389	1.6	93	0.00
29 T	Chloroform	1.553	1.452	6.5	95	0.00
30 T	Cyclohexane	0.685	0.755	-10.2	93	0.00
31 T	cis-1,2-Dichloroethene	0.876	0.892	-1.8	93	0.00
32 T	1,1,1-Trichloroethane	1.556	1.437	7.6	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.534	0.524	1.9	95	0.00
35 T	Carbon Tetrachloride	0.649	0.630	2.9	96	0.00
36 T	Benzene	0.724	0.732	-1.1	93	0.00
37 T	1,2-Dichloroethane	0.486	0.475	2.3	96	0.00
38 T	Trichloroethene	0.295	0.303	-2.7	94	0.00
39 T	1,2-Dichloropropane	0.288	0.291	-1.0	96	0.00
40 T	1,4-Dioxane	0.115	0.111	3.5	89	0.00
41 T	Tetrahydrofuran	0.267	0.285	-6.7	93	0.00
42 T	Bromodichloromethane	0.649	0.662	-2.0	95	0.00
43	Methyl Methacrylate	0.306	0.346	-13.1	95	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.292	-3.4	95	0.00
45 T	t-1,3-Dichloropropene	0.321	0.385	-19.9	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.451	-18.4	94	0.00
47 T	1,1,2-Trichloroethane	0.315	0.322	-2.2	95	0.00
48 T	Dibromochloromethane	0.513	0.549	-7.0	94	0.00
49 T	Bromoform	0.448	0.494	-10.3	96	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.817	-6.7	94	0.00
51 T	2-Hexanone	0.584	0.671	-14.9	96	0.00
52 T	Tetrachloroethene	0.270	0.270	0.0	95	0.00
53 T	Toluene	0.764	0.871	-14.0	94	0.00
54 T	1,2-Dibromoethane	0.468	0.490	-4.7	95	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.443	0.437	1.4	94	0.00
57 T	Chlorobenzene	0.737	0.721	2.2	95	0.00
58 T	Ethyl Benzene	1.105	1.255	-13.6	95	0.00
59 T	m/p-Xylene	0.985	1.060	-7.6	96	0.00
60 T	o-Xylene	0.983	1.053	-7.1	95	0.00
61 T	Styrene	0.607	0.740	-21.9	94	0.00
62	Isopropylbenzene	1.457	1.557	-6.9	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.821	0.765	6.8	97	0.00
64	n-propylbenzene	0.376	0.412	-9.6	95	0.00
65	tert-Butylbenzene	1.308	1.380	-5.5	95	0.00
66 T	Benzyl Chloride	0.466	0.584	-25.3	99	0.00
67	sec-Butylbenzene	1.907	1.989	-4.3	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.812	0.817	-0.6	90	0.00
69	p-Isopropyltoluene	1.495	1.652	-10.5	96	0.00
70	n-Butylbenzene	1.585	1.742	-9.9	97	0.00
71	2-Chlorotoluene	1.102	1.211	-9.9	95	0.00
72 T	4-Ethyltoluene	1.107	1.251	-13.0	95	0.00
73 T	1,3,5-Trimethylbenzene	1.068	1.186	-11.0	96	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.236	-4.7	96	0.00
75 T	1,3-Dichlorobenzene	0.747	0.711	4.8	96	0.00
76 T	1,4-Dichlorobenzene	0.695	0.713	-2.6	95	0.00
77 T	1,2-Dichlorobenzene	0.673	0.686	-1.9	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.532	0.492	7.5	94	0.00
79 T	Naphthalene	0.764	1.007	-31.8#	94	0.00
80 T	Naphthalene,2-methyl-	0.180	0.352	-95.6#	88	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.565	-16.7	95	0.00

(#) = Out of Range

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