

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073020\
 Data File : VL035292.D
 Acq On : 30 Jul 2020 23:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 31 05:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 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	86	0.00
2 T	Dichlorodifluoromethane	1.194	1.173	1.8	95	0.00
3	Chlorodifluoromethane	1.107	1.021	7.8	91	0.00
4	Chloromethane	0.623	0.573	8.0	90	0.00
5 T	Vinyl Chloride	0.649	0.585	9.9	88	0.00
6 T	Bromomethane	0.401	0.371	7.5	90	0.00
7	Chloroethane	0.234	0.223	4.7	88	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.440	5.0	93	0.00
9 T	Propene	0.386	0.372	3.6	86	0.00
10 T	Heptane	1.044	1.138	-9.0	88	0.00
11 T	Trichlorofluoromethane	1.606	1.563	2.7	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.139	1.078	5.4	92	0.00
13	Ethanol	0.157	0.094	40.1#	82	0.00
14 T	Bromoethene	0.465	0.465	0.0	92	0.00
15 T	Acetone	1.334	1.164	12.7	95	0.00
16 T	1,3-Butadiene	0.520	0.514	1.2	89	0.00
17	tert-Butyl alcohol	1.287	1.236	4.0	92	0.00
18 T	1,1-Dichloroethene	0.506	0.507	-0.2	93	0.00
19 T	Isopropyl Alcohol	0.880	0.812	7.7	92	0.00
20 T	Methylene Chloride	0.607	0.442	27.2	90	0.01
21 T	Allyl Chloride	0.760	0.775	-2.0	91	0.00
22 T	trans-1,2-Dichloroethene	0.486	0.492	-1.2	93	0.00
23 T	Vinyl Acetate	1.340	1.369	-2.2	88	0.00
24 T	1,1-Dichloroethane	1.250	1.190	4.8	90	0.00
25 T	Ethyl Acetate	2.083	2.011	3.5	89	0.00
26 T	Hexane	0.940	0.915	2.7	89	0.00
27 T	Carbon Disulfide	1.270	1.312	-3.3	93	0.00
28 T	Methyl tert-Butyl Ether	1.343	1.365	-1.6	88	0.00
29 T	Chloroform	1.576	1.506	4.4	91	0.00
30 T	Cyclohexane	0.672	0.756	-12.5	88	0.00
31 T	cis-1,2-Dichloroethene	0.819	0.880	-7.4	89	0.00
32 T	1,1,1-Trichloroethane	1.613	1.473	8.7	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.509	0.505	0.8	88	0.00
35 T	Carbon Tetrachloride	0.670	0.649	3.1	90	0.00
36 T	Benzene	0.695	0.739	-6.3	90	0.00
37 T	1,2-Dichloroethane	0.486	0.486	0.0	91	0.00
38 T	Trichloroethene	0.288	0.317	-10.1	90	0.00
39 T	1,2-Dichloropropane	0.277	0.287	-3.6	87	0.00
40 T	1,4-Dioxane	0.109	0.117	-7.3	86	0.00
41 T	Tetrahydrofuran	0.249	0.272	-9.2	88	0.00
42 T	Bromodichloromethane	0.648	0.672	-3.7	90	0.00
43	Methyl Methacrylate	0.301	0.339	-12.6	87	0.00
44 T	2,2,4-Trimethylpentane	1.225	1.312	-7.1	90	0.00
45 T	t-1,3-Dichloropropene	0.303	0.381	-25.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.452	-22.2	88	0.00
47 T	1,1,2-Trichloroethane	0.328	0.333	-1.5	90	0.00
48 T	Dibromochloromethane	0.516	0.564	-9.3	89	0.00
49 T	Bromoform	0.464	0.520	-12.1	89	0.00
50 T	4-Methyl-2-Pentanone	0.737	0.801	-8.7	88	0.00
51 T	2-Hexanone	0.559	0.645	-15.4	86	0.00
52 T	Tetrachloroethene	0.265	0.280	-5.7	88	0.00
53 T	Toluene	0.739	0.882	-19.4	89	0.00
54 T	1,2-Dibromoethane	0.474	0.504	-6.3	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.460	0.430	6.5	89	0.00
57 T	Chlorobenzene	0.752	0.710	5.6	90	0.00
58 T	Ethyl Benzene	1.059	1.199	-13.2	89	0.00
59 T	m/p-Xylene	0.986	1.010	-2.4	88	0.00
60 T	o-Xylene	0.984	1.030	-4.7	89	0.00
61 T	Styrene	0.597	0.701	-17.4	87	0.00
62	Isopropylbenzene	1.464	1.504	-2.7	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.761	10.0	89	0.00
64	n-propylbenzene	0.389	0.403	-3.6	89	0.00
65	tert-Butylbenzene	1.326	1.369	-3.2	91	0.00
66 T	Benzyl Chloride	0.520	0.534	-2.7	84	0.00
67	sec-Butylbenzene	1.938	1.935	0.2	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.799	0.771	3.5	87	0.00
69	p-Isopropyltoluene	1.581	1.609	-1.8	88	0.00
70	n-Butylbenzene	1.710	1.690	1.2	88	0.00
71	2-Chlorotoluene	1.104	1.177	-6.6	89	0.00
72 T	4-Ethyltoluene	1.107	1.204	-8.8	88	0.00
73 T	1,3,5-Trimethylbenzene	1.080	1.139	-5.5	88	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.212	3.6	88	0.00
75 T	1,3-Dichlorobenzene	0.812	0.709	12.7	87	0.00
76 T	1,4-Dichlorobenzene	0.734	0.695	5.3	86	0.00
77 T	1,2-Dichlorobenzene	0.727	0.675	7.2	86	0.00
78 T	Hexachloro-1,3-Butadiene	0.595	0.484	18.7	87	0.00
79 T	Naphthalene	1.000	1.037	-3.7	83	0.00
80 T	Naphthalene,2-methyl-	0.323	0.314	2.8	71	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.576	5.3	83	0.00

(#) = Out of Range

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