

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073120\
 Data File : VL035313.D
 Acq On : 31 Jul 2020 21:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 04:24:13 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	89	0.00
2 T	Dichlorodifluoromethane	1.194	1.292	-8.2	109	0.00
3	Chlorodifluoromethane	1.107	1.087	1.8	101	0.00
4	Chloromethane	0.623	0.608	2.4	99	0.00
5 T	Vinyl Chloride	0.649	0.632	2.6	99	0.00
6 T	Bromomethane	0.401	0.408	-1.7	102	0.00
7	Chloroethane	0.234	0.240	-2.6	98	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.534	-1.3	103	0.00
9 T	Propene	0.386	0.403	-4.4	96	0.00
10 T	Heptane	1.044	1.204	-15.3	97	0.00
11 T	Trichlorofluoromethane	1.606	1.647	-2.6	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.139	1.149	-0.9	101	0.00
13	Ethanol	0.157	0.100	36.3#	91	0.00
14 T	Bromoethene	0.465	0.491	-5.6	101	0.00
15 T	Acetone	1.334	1.258	5.7	106	0.00
16 T	1,3-Butadiene	0.520	0.561	-7.9	100	0.00
17	tert-Butyl alcohol	1.287	1.285	0.2	99	0.00
18 T	1,1-Dichloroethene	0.506	0.541	-6.9	102	0.00
19 T	Isopropyl Alcohol	0.880	0.833	5.3	98	0.00
20 T	Methylene Chloride	0.607	0.467	23.1	98	0.00
21 T	Allyl Chloride	0.760	0.828	-8.9	100	0.00
22 T	trans-1,2-Dichloroethene	0.486	0.518	-6.6	102	0.00
23 T	Vinyl Acetate	1.340	1.466	-9.4	97	0.00
24 T	1,1-Dichloroethane	1.250	1.271	-1.7	99	0.00
25 T	Ethyl Acetate	2.083	2.159	-3.6	99	0.00
26 T	Hexane	0.940	0.968	-3.0	98	0.00
27 T	Carbon Disulfide	1.270	1.389	-9.4	102	0.00
28 T	Methyl tert-Butyl Ether	1.343	1.467	-9.2	98	0.00
29 T	Chloroform	1.576	1.608	-2.0	101	0.00
30 T	Cyclohexane	0.672	0.806	-19.9	97	0.00
31 T	cis-1,2-Dichloroethene	0.819	0.967	-18.1	102	0.00
32 T	1,1,1-Trichloroethane	1.613	1.590	1.4	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.509	0.538	-5.7	97	0.00
35 T	Carbon Tetrachloride	0.670	0.709	-5.8	102	0.00
36 T	Benzene	0.695	0.785	-12.9	99	0.00
37 T	1,2-Dichloroethane	0.486	0.529	-8.8	102	0.00
38 T	Trichloroethene	0.288	0.338	-17.4	100	0.00
39 T	1,2-Dichloropropane	0.277	0.311	-12.3	98	0.00
40 T	1,4-Dioxane	0.109	0.119	-9.2	91	0.00
41 T	Tetrahydrofuran	0.249	0.287	-15.3	96	0.00
42 T	Bromodichloromethane	0.648	0.729	-12.5	101	0.00
43	Methyl Methacrylate	0.301	0.364	-20.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.225	1.385	-13.1	99	0.00
45 T	t-1,3-Dichloropropene	0.303	0.413	-36.3#	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.487	-31.6#	98	0.00
47 T	1,1,2-Trichloroethane	0.328	0.355	-8.2	100	0.00
48 T	Dibromochloromethane	0.516	0.611	-18.4	100	0.00
49 T	Bromoform	0.464	0.567	-22.2	101	0.00
50 T	4-Methyl-2-Pentanone	0.737	0.850	-15.3	96	0.00
51 T	2-Hexanone	0.559	0.683	-22.2	95	0.00
52 T	Tetrachloroethene	0.265	0.295	-11.3	97	0.00
53 T	Toluene	0.739	0.937	-26.8	98	0.00
54 T	1,2-Dibromoethane	0.474	0.540	-13.9	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.460	0.465	-1.1	100	0.00
57 T	Chlorobenzene	0.752	0.749	0.4	98	0.00
58 T	Ethyl Benzene	1.059	1.267	-19.6	98	0.00
59 T	m/p-Xylene	0.986	1.078	-9.3	98	0.00
60 T	o-Xylene	0.984	1.096	-11.4	99	0.00
61 T	Styrene	0.597	0.752	-26.0	97	0.00
62	Isopropylbenzene	1.464	1.594	-8.9	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.815	3.7	99	0.00
64	n-propylbenzene	0.389	0.437	-12.3	100	0.00
65	tert-Butylbenzene	1.326	1.468	-10.7	101	0.00
66 T	Benzyl Chloride	0.520	0.586	-12.7	96	0.00
67	sec-Butylbenzene	1.938	2.062	-6.4	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.799	0.773	3.3	91	0.00
69	p-Isopropyltoluene	1.581	1.704	-7.8	97	0.00
70	n-Butylbenzene	1.710	1.801	-5.3	98	0.00
71	2-Chlorotoluene	1.104	1.246	-12.9	98	0.00
72 T	4-Ethyltoluene	1.107	1.279	-15.5	97	0.00
73 T	1,3,5-Trimethylbenzene	1.080	1.218	-12.8	99	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.291	-2.7	97	0.00
75 T	1,3-Dichlorobenzene	0.812	0.763	6.0	98	0.00
76 T	1,4-Dichlorobenzene	0.734	0.747	-1.8	96	0.00
77 T	1,2-Dichlorobenzene	0.727	0.731	-0.6	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.595	0.548	7.9	103	0.00
79 T	Naphthalene	1.000	1.093	-9.3	92	0.00
80 T	Naphthalene,2-methyl-	0.323	0.379	-17.3	89	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.627	-3.1	94	0.00

(#) = Out of Range

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