

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036342.D
 Acq On : 11 Feb 2021 9:52
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 11 21:20:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 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	104	0.00
2 T	Dichlorodifluoromethane	1.492	1.362	8.7	112	0.00
3	Chlorodifluoromethane	1.243	1.112	10.5	112	0.00
4	Chloromethane	0.600	0.562	6.3	118	0.00
5 T	Vinyl Chloride	0.559	0.512	8.4	108	0.00
6 T	Bromomethane	0.332	0.295	11.1	108	0.00
7	Chloroethane	0.198	0.186	6.1	112	0.00
8 T	Dichlorotetrafluoroethane	1.357	1.260	7.1	114	0.00
9 T	Propene	0.463	0.492	-6.3	110	0.00
10 T	Heptane	1.365	1.307	4.2	114	0.00
11 T	Trichlorofluoromethane	1.461	1.331	8.9	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.829	8.4	116	0.00
13	Ethanol	0.087	0.062	28.7	93	0.00
14 T	Bromoethene	0.379	0.336	11.3	108	0.00
15 T	Acetone	1.222	1.018	16.7	115	0.00
16 T	1,3-Butadiene	0.585	0.526	10.1	114	0.00
17	tert-Butyl alcohol	0.949	0.829	12.6	106	0.00
18 T	1,1-Dichloroethene	0.411	0.356	13.4	107	0.00
19 T	Isopropyl Alcohol	0.677	0.567	16.2	110	0.00
20 T	Methylene Chloride	0.394	0.311	21.1	107	0.00
21 T	Allyl Chloride	0.681	0.614	9.8	112	0.00
22 T	trans-1,2-Dichloroethene	0.374	0.352	5.9	114	0.00
23 T	Vinyl Acetate	1.437	1.263	12.1	104	0.00
24 T	1,1-Dichloroethane	1.063	0.933	12.2	106	0.00
25 T	Ethyl Acetate	2.360	2.165	8.3	113	0.00
26 T	Hexane	0.970	0.877	9.6	112	0.00
27 T	Carbon Disulfide	0.891	0.916	-2.8	114	0.00
28 T	Methyl tert-Butyl Ether	1.267	1.198	5.4	113	0.00
29 T	Chloroform	1.562	1.418	9.2	114	0.00
30 T	Cyclohexane	0.806	0.731	9.3	113	0.00
31 T	cis-1,2-Dichloroethene	0.959	0.893	6.9	112	0.00
32 T	1,1,1-Trichloroethane	1.460	1.362	6.7	112	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.664	0.603	9.2	114	0.00
35 T	Carbon Tetrachloride	0.670	0.617	7.9	111	0.00
36 T	Benzene	0.849	0.809	4.7	113	0.00
37 T	1,2-Dichloroethane	0.525	0.490	6.7	110	0.00
38 T	Trichloroethene	0.304	0.270	11.2	109	0.00
39 T	1,2-Dichloropropane	0.345	0.322	6.7	111	0.00
40 T	1,4-Dioxane	0.120	0.038#	68.3#	40	0.00
41 T	Tetrahydrofuran	0.371	0.353	4.9	112	0.00
42 T	Bromodichloromethane	0.703	0.664	5.5	111	0.00
43	Methyl Methacrylate	0.358	0.361	-0.8	112	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.391	10.0	113	0.00
45 T	t-1,3-Dichloropropene	0.346	0.373	-7.8	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.455	-3.6	109	0.00
47 T	1,1,2-Trichloroethane	0.353	0.318	9.9	111	0.00
48 T	Dibromochloromethane	0.527	0.521	1.1	109	0.00
49 T	Bromoform	0.426	0.416	2.3	106	0.00
50 T	4-Methyl-2-Pentanone	0.986	0.927	6.0	110	0.00
51 T	2-Hexanone	0.749	0.762	-1.7	114	0.00
52 T	Tetrachloroethene	0.311	0.260	16.4	112	0.00
53 T	Toluene	0.920	0.886	3.7	110	0.00
54 T	1,2-Dibromoethane	0.510	0.467	8.4	109	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.460	0.409	11.1	108	0.00
57 T	Chlorobenzene	0.773	0.676	12.5	111	0.00
58 T	Ethyl Benzene	1.369	1.277	6.7	109	0.00
59 T	m/p-Xylene	1.203	1.077	10.5	108	0.00
60 T	o-Xylene	1.150	1.017	11.6	110	0.00
61 T	Styrene	0.713	0.709	0.6	106	0.00
62	Isopropylbenzene	1.724	1.500	13.0	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.907	0.713	21.4	107	0.00
64	n-propylbenzene	0.424	0.387	8.7	107	0.00
65	tert-Butylbenzene	1.475	1.269	14.0	108	0.00
66 T	Benzyl Chloride	0.401	0.412	-2.7	99	0.00
67	sec-Butylbenzene	2.127	1.800	15.4	106	0.00
68 S	1-Bromo-4-Fluorobenzene	0.823	0.855	-3.9	106	0.00
69	p-Isopropyltoluene	1.644	1.477	10.2	107	0.00
70	n-Butylbenzene	1.763	1.590	9.8	109	0.00
71	2-Chlorotoluene	1.321	1.166	11.7	106	0.00
72 T	4-Ethyltoluene	1.280	1.168	8.8	107	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.093	11.9	108	0.00
74 T	1,2,4-Trimethylbenzene	1.267	1.105	12.8	107	0.00
75 T	1,3-Dichlorobenzene	0.687	0.580	15.6	104	0.00
76 T	1,4-Dichlorobenzene	0.714	0.582	18.5	102	0.00
77 T	1,2-Dichlorobenzene	0.682	0.580	15.0	107	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.466	16.3	124	0.00
79 T	Naphthalene	0.751	0.932	-24.1	131	0.00
80 T	Naphthalene,2-methyl-	0.139	0.131	5.8	107	0.00
81 T	1,2,4-Trichlorobenzene	0.458	0.490	-7.0	131	0.01

(#) = Out of Range

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