

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036396.D
 Acq On : 26 Feb 2021 9:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 27 03:23:19 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	95	0.00
2 T	Dichlorodifluoromethane	1.492	1.441	3.4	109	0.00
3	Chlorodifluoromethane	1.243	1.287	-3.5	119	0.00
4	Chloromethane	0.600	0.645	-7.5	124	0.00
5 T	Vinyl Chloride	0.559	0.630	-12.7	121	0.00
6 T	Bromomethane	0.332	0.374	-12.7	125	0.00
7	Chloroethane	0.198	0.227	-14.6	125	0.00
8 T	Dichlorotetrafluoroethane	1.357	1.463	-7.8	121	0.00
9 T	Propene	0.463	0.599	-29.4	123	0.00
10 T	Heptane	1.365	1.533	-12.3	122	0.00
11 T	Trichlorofluoromethane	1.461	1.559	-6.7	121	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.905	1.004	-10.9	128	0.00
13	Ethanol	0.087	0.083	4.6	114	0.00
14 T	Bromoethene	0.379	0.416	-9.8	122	0.00
15 T	Acetone	1.222	1.207	1.2	124	0.00
16 T	1,3-Butadiene	0.585	0.622	-6.3	123	0.00
17	tert-Butyl alcohol	0.949	0.996	-5.0	117	0.00
18 T	1,1-Dichloroethene	0.411	0.434	-5.6	120	0.00
19 T	Isopropyl Alcohol	0.677	0.642	5.2	114	0.00
20 T	Methylene Chloride	0.394	0.373	5.3	117	0.00
21 T	Allyl Chloride	0.681	0.744	-9.3	124	0.00
22 T	trans-1,2-Dichloroethene	0.374	0.420	-12.3	125	0.00
23 T	Vinyl Acetate	1.437	1.552	-8.0	117	0.00
24 T	1,1-Dichloroethane	1.063	1.160	-9.1	121	0.00
25 T	Ethyl Acetate	2.360	2.557	-8.3	122	0.00
26 T	Hexane	0.970	1.055	-8.8	123	0.00
27 T	Carbon Disulfide	0.891	1.092	-22.6	124	0.00
28 T	Methyl tert-Butyl Ether	1.267	1.406	-11.0	121	0.00
29 T	Chloroform	1.562	1.637	-4.8	120	0.00
30 T	Cyclohexane	0.806	0.858	-6.5	121	0.00
31 T	cis-1,2-Dichloroethene	0.959	1.041	-8.6	120	0.00
32 T	1,1,1-Trichloroethane	1.460	1.611	-10.3	122	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	-0.01
34 T	2-Butanone	0.664	0.693	-4.4	122	0.00
35 T	Carbon Tetrachloride	0.670	0.713	-6.4	120	0.00
36 T	Benzene	0.849	0.936	-10.2	121	0.00
37 T	1,2-Dichloroethane	0.525	0.557	-6.1	117	0.00
38 T	Trichloroethene	0.304	0.325	-6.9	122	0.00
39 T	1,2-Dichloropropane	0.345	0.376	-9.0	120	0.00
40 T	1,4-Dioxane	0.120	0.115	4.2	112	0.00
41 T	Tetrahydrofuran	0.371	0.413	-11.3	122	0.00
42 T	Bromodichloromethane	0.703	0.764	-8.7	119	0.00
43	Methyl Methacrylate	0.358	0.411	-14.8	118	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.596	-3.3	120	0.00
45 T	t-1,3-Dichloropropene	0.346	0.436	-26.0	117	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.535	-21.9	119	0.00
47 T	1,1,2-Trichloroethane	0.353	0.375	-6.2	122	0.00
48 T	Dibromochloromethane	0.527	0.622	-18.0	121	0.00
49 T	Bromoform	0.426	0.517	-21.4	123	-0.01
50 T	4-Methyl-2-Pentanone	0.986	1.087	-10.2	120	0.00
51 T	2-Hexanone	0.749	0.884	-18.0	123	0.00
52 T	Tetrachloroethene	0.311	0.309	0.6	123	0.00
53 T	Toluene	0.920	1.049	-14.0	122	0.00
54 T	1,2-Dibromoethane	0.510	0.556	-9.0	121	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.460	0.464	-0.9	121	0.00
57 T	Chlorobenzene	0.773	0.761	1.6	123	-0.01
58 T	Ethyl Benzene	1.369	1.419	-3.7	119	0.00
59 T	m/p-Xylene	1.203	1.198	0.4	119	0.00
60 T	o-Xylene	1.150	1.134	1.4	121	0.00
61 T	Styrene	0.713	0.825	-15.7	122	-0.01
62	Isopropylbenzene	1.724	1.686	2.2	121	0.00
63 T	1,1,2,2-Tetrachloroethane	0.907	0.833	8.2	123	-0.01
64	n-propylbenzene	0.424	0.441	-4.0	121	0.00
65	tert-Butylbenzene	1.475	1.442	2.2	121	0.00
66 T	Benzyl Chloride	0.401	0.534	-33.2#	126	-0.01
67	sec-Butylbenzene	2.127	2.059	3.2	120	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.823	0.782	5.0	95	0.00
69	p-Isopropyltoluene	1.644	1.685	-2.5	121	0.00
70	n-Butylbenzene	1.763	1.775	-0.7	120	-0.01
71	2-Chlorotoluene	1.321	1.333	-0.9	120	0.00
72 T	4-Ethyltoluene	1.280	1.293	-1.0	117	-0.01
73 T	1,3,5-Trimethylbenzene	1.241	1.246	-0.4	121	0.00
74 T	1,2,4-Trimethylbenzene	1.267	1.265	0.2	121	0.00
75 T	1,3-Dichlorobenzene	0.687	0.694	-1.0	123	0.00
76 T	1,4-Dichlorobenzene	0.714	0.688	3.6	119	0.00
77 T	1,2-Dichlorobenzene	0.682	0.679	0.4	123	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.479	14.0	126	-0.02
79 T	Naphthalene	0.751	0.909	-21.0	126	0.00
80 T	Naphthalene,2-methyl-	0.139	0.216	-55.4#	175#	0.00
81 T	1,2,4-Trichlorobenzene	0.458	0.470	-2.6	124	-0.01

(#) = Out of Range

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