

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022421\
 Data File : VL036375.D
 Acq On : 25 Feb 2021 7:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 25 08:11:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	99	0.02
2 T	Dichlorodifluoromethane	1.492	1.381	7.4	108	0.01
3	Chlorodifluoromethane	1.243	1.201	3.4	116	0.01
4	Chloromethane	0.600	0.609	-1.5	122	0.01
5 T	Vinyl Chloride	0.559	0.586	-4.8	118	0.02
6 T	Bromomethane	0.332	0.343	-3.3	120	0.01
7	Chloroethane	0.198	0.202	-2.0	116	0.02
8 T	Dichlorotetrafluoroethane	1.357	1.361	-0.3	118	0.01
9 T	Propene	0.463	0.551	-19.0	118	0.01
10 T	Heptane	1.365	1.407	-3.1	117	0.03
11 T	Trichlorofluoromethane	1.461	1.435	1.8	116	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.914	-1.0	122	0.02
13	Ethanol	0.087	0.089	-2.3	128	0.02
14 T	Bromoethene	0.379	0.395	-4.2	121	0.02
15 T	Acetone	1.222	1.147	6.1	123	0.01
16 T	1,3-Butadiene	0.585	0.585	0.0	120	0.01
17	tert-Butyl alcohol	0.949	1.093	-15.2	133	0.02
18 T	1,1-Dichloroethene	0.411	0.405	1.5	116	0.02
19 T	Isopropyl Alcohol	0.677	0.727	-7.4	134	0.02
20 T	Methylene Chloride	0.394	0.335	15.0	110	0.02
21 T	Allyl Chloride	0.681	0.676	0.7	118	0.02
22 T	trans-1,2-Dichloroethene	0.374	0.375	-0.3	116	0.02
23 T	Vinyl Acetate	1.437	1.458	-1.5	115	0.02
24 T	1,1-Dichloroethane	1.063	1.093	-2.8	119	0.02
25 T	Ethyl Acetate	2.360	2.370	-0.4	118	0.02
26 T	Hexane	0.970	0.954	1.6	116	0.02
27 T	Carbon Disulfide	0.891	0.965	-8.3	114	0.02
28 T	Methyl tert-Butyl Ether	1.267	1.341	-5.8	121	0.02
29 T	Chloroform	1.562	1.547	1.0	118	0.02
30 T	Cyclohexane	0.806	0.803	0.4	118	0.02
31 T	cis-1,2-Dichloroethene	0.959	0.972	-1.4	117	0.02
32 T	1,1,1-Trichloroethane	1.460	1.503	-2.9	118	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.02
34 T	2-Butanone	0.664	0.642	3.3	119	0.02
35 T	Carbon Tetrachloride	0.670	0.656	2.1	116	0.02
36 T	Benzene	0.849	0.861	-1.4	118	0.02
37 T	1,2-Dichloroethane	0.525	0.511	2.7	113	0.02
38 T	Trichloroethene	0.304	0.293	3.6	116	0.02
39 T	1,2-Dichloropropane	0.345	0.344	0.3	116	0.02
40 T	1,4-Dioxane	0.120	0.111	7.5	113	0.02
41 T	Tetrahydrofuran	0.371	0.382	-3.0	119	0.02
42 T	Bromodichloromethane	0.703	0.700	0.4	115	0.02
43	Methyl Methacrylate	0.358	0.379	-5.9	115	0.03
44 T	2,2,4-Trimethylpentane	1.545	1.477	4.4	117	0.02
45 T	t-1,3-Dichloropropene	0.346	0.394	-13.9	111	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.486	-10.7	113	0.03
47 T	1,1,2-Trichloroethane	0.353	0.337	4.5	116	0.02
48 T	Dibromochloromethane	0.527	0.549	-4.2	113	0.02
49 T	Bromoform	0.426	0.432	-1.4	108	0.02
50 T	4-Methyl-2-Pentanone	0.986	0.988	-0.2	115	0.02
51 T	2-Hexanone	0.749	0.797	-6.4	116	0.02
52 T	Tetrachloroethene	0.311	0.276	11.3	116	0.02
53 T	Toluene	0.920	0.944	-2.6	115	0.03
54 T	1,2-Dibromoethane	0.510	0.501	1.8	115	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.03
56	1,1,1,2-Tetrachloroethane	0.460	0.450	2.2	113	0.03
57 T	Chlorobenzene	0.773	0.730	5.6	114	0.02
58 T	Ethyl Benzene	1.369	1.396	-2.0	113	0.03
59 T	m/p-Xylene	1.203	1.174	2.4	112	0.02
60 T	o-Xylene	1.150	1.106	3.8	114	0.03
61 T	Styrene	0.713	0.771	-8.1	110	0.02
62	Isopropylbenzene	1.724	1.635	5.2	113	0.02
63 T	1,1,2,2-Tetrachloroethane	0.907	0.760	16.2	108	0.02
64	n-propylbenzene	0.424	0.417	1.7	110	0.02
65	tert-Butylbenzene	1.475	1.374	6.8	111	0.03
66 T	Benzyl Chloride	0.401	0.465	-16.0	106	0.02
67	sec-Butylbenzene	2.127	1.953	8.2	110	0.02
68 S	1-Bromo-4-Fluorobenzene	0.823	0.868	-5.5	102	0.02
69	p-Isopropyltoluene	1.644	1.616	1.7	111	0.02
70	n-Butylbenzene	1.763	1.712	2.9	111	0.03
71	2-Chlorotoluene	1.321	1.258	4.8	109	0.03
72 T	4-Ethyltoluene	1.280	1.241	3.0	108	0.03
73 T	1,3,5-Trimethylbenzene	1.241	1.170	5.7	110	0.03
74 T	1,2,4-Trimethylbenzene	1.267	1.195	5.7	110	0.02
75 T	1,3-Dichlorobenzene	0.687	0.648	5.7	111	0.02
76 T	1,4-Dichlorobenzene	0.714	0.632	11.5	105	0.02
77 T	1,2-Dichlorobenzene	0.682	0.630	7.6	110	0.03
78 T	Hexachloro-1,3-Butadiene	0.557	0.522	6.3	132	0.02
79 T	Naphthalene	0.751	1.022	-36.1#	136	0.03
80 T	Naphthalene,2-methyl-	0.139	0.311	-123.7#	243#	0.02
81 T	1,2,4-Trichlorobenzene	0.458	0.541	-18.1	138	0.03

(#) = Out of Range

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