

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL030221\
 Data File : VL036424.D
 Acq On : 2 Mar 2021 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 03 03:33:10 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	98	0.00
2 T	Dichlorodifluoromethane	1.492	1.110	25.6	86	0.00
3	Chlorodifluoromethane	1.243	1.178	5.2	112	0.00
4	Chloromethane	0.600	0.597	0.5	118	0.00
5 T	Vinyl Chloride	0.559	0.576	-3.0	114	0.00
6 T	Bromomethane	0.332	0.342	-3.0	117	0.00
7	Chloroethane	0.198	0.202	-2.0	114	0.00
8 T	Dichlorotetrafluoroethane	1.357	1.296	4.5	110	0.00
9 T	Propene	0.463	0.542	-17.1	114	0.00
10 T	Heptane	1.365	1.389	-1.8	114	0.01
11 T	Trichlorofluoromethane	1.461	1.423	2.6	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.899	0.7	118	0.00
13	Ethanol	0.087	0.097	-11.5	136	0.00
14 T	Bromoethene	0.379	0.392	-3.4	118	0.00
15 T	Acetone	1.222	1.125	7.9	119	0.00
16 T	1,3-Butadiene	0.585	0.559	4.4	113	0.00
17	tert-Butyl alcohol	0.949	0.930	2.0	112	0.00
18 T	1,1-Dichloroethene	0.411	0.381	7.3	108	0.00
19 T	Isopropyl Alcohol	0.677	0.630	6.9	115	0.01
20 T	Methylene Chloride	0.394	0.346	12.2	111	0.00
21 T	Allyl Chloride	0.681	0.646	5.1	111	0.00
22 T	trans-1,2-Dichloroethene	0.374	0.376	-0.5	114	0.00
23 T	Vinyl Acetate	1.437	1.452	-1.0	113	0.00
24 T	1,1-Dichloroethane	1.063	1.048	1.4	112	0.00
25 T	Ethyl Acetate	2.360	2.324	1.5	114	0.01
26 T	Hexane	0.970	0.958	1.2	115	0.00
27 T	Carbon Disulfide	0.891	0.997	-11.9	116	0.00
28 T	Methyl tert-Butyl Ether	1.267	1.271	-0.3	113	0.00
29 T	Chloroform	1.562	1.513	3.1	114	0.00
30 T	Cyclohexane	0.806	0.785	2.6	113	0.00
31 T	cis-1,2-Dichloroethene	0.959	0.962	-0.3	114	0.00
32 T	1,1,1-Trichloroethane	1.460	1.474	-1.0	114	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.664	0.630	5.1	114	0.00
35 T	Carbon Tetrachloride	0.670	0.653	2.5	113	0.00
36 T	Benzene	0.849	0.853	-0.5	114	0.00
37 T	1,2-Dichloroethane	0.525	0.499	5.0	108	0.00
38 T	Trichloroethene	0.304	0.295	3.0	115	0.00
39 T	1,2-Dichloropropane	0.345	0.343	0.6	113	0.01
40 T	1,4-Dioxane	0.120	0.108	10.0	107	0.01
41 T	Tetrahydrofuran	0.371	0.378	-1.9	115	0.00
42 T	Bromodichloromethane	0.703	0.688	2.1	111	0.00
43	Methyl Methacrylate	0.358	0.374	-4.5	111	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.456	5.8	113	0.00
45 T	t-1,3-Dichloropropene	0.346	0.402	-16.2	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.487	-10.9	111	0.02
47 T	1,1,2-Trichloroethane	0.353	0.345	2.3	116	0.00
48 T	Dibromochloromethane	0.527	0.556	-5.5	112	0.01
49 T	Bromoform	0.426	0.472	-10.8	116	0.00
50 T	4-Methyl-2-Pentanone	0.986	0.986	0.0	113	0.00
51 T	2-Hexanone	0.749	0.794	-6.0	114	0.00
52 T	Tetrachloroethene	0.311	0.280	10.0	116	0.00
53 T	Toluene	0.920	0.948	-3.0	113	0.01
54 T	1,2-Dibromoethane	0.510	0.507	0.6	114	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.02
56	1,1,1,2-Tetrachloroethane	0.460	0.468	-1.7	114	0.00
57 T	Chlorobenzene	0.773	0.757	2.1	114	0.00
58 T	Ethyl Benzene	1.369	1.433	-4.7	112	0.01
59 T	m/p-Xylene	1.203	1.204	-0.1	112	0.00
60 T	o-Xylene	1.150	1.143	0.6	114	0.01
61 T	Styrene	0.713	0.815	-14.3	113	0.00
62	Isopropylbenzene	1.724	1.692	1.9	113	0.01
63 T	1,1,2,2-Tetrachloroethane	0.907	0.837	7.7	115	0.00
64	n-propylbenzene	0.424	0.444	-4.7	113	0.01
65	tert-Butylbenzene	1.475	1.460	1.0	115	0.01
66 T	Benzyl Chloride	0.401	0.537	-33.9#	119	0.00
67	sec-Butylbenzene	2.127	2.077	2.4	113	0.00
68 S	1-Bromo-4-Fluorobenzene	0.823	0.856	-4.0	98	0.00
69	p-Isopropyltoluene	1.644	1.695	-3.1	113	0.01
70	n-Butylbenzene	1.763	1.795	-1.8	113	0.01
71	2-Chlorotoluene	1.321	1.344	-1.7	113	0.00
72 T	4-Ethyltoluene	1.280	1.324	-3.4	112	0.01
73 T	1,3,5-Trimethylbenzene	1.241	1.250	-0.7	113	0.01
74 T	1,2,4-Trimethylbenzene	1.267	1.257	0.8	112	0.00
75 T	1,3-Dichlorobenzene	0.687	0.691	-0.6	114	0.01
76 T	1,4-Dichlorobenzene	0.714	0.683	4.3	110	0.01
77 T	1,2-Dichlorobenzene	0.682	0.682	0.0	115	0.01
78 T	Hexachloro-1,3-Butadiene	0.557	0.478	14.2	117	0.00
79 T	Naphthalene	0.751	0.923	-22.9	119	0.02
80 T	Naphthalene,2-methyl-	0.139	0.243	-74.8#	184#	0.00
81 T	1,2,4-Trichlorobenzene	0.458	0.487	-6.3	120	0.02

(#) = Out of Range

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