

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022421\
 Data File : VL036344.D
 Acq On : 24 Feb 2021 9:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 25 05:32:27 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	108	0.02
2 T	Dichlorodifluoromethane	1.492	1.245	16.6	106	0.02
3	Chlorodifluoromethane	1.243	1.163	6.4	122	0.01
4	Chloromethane	0.600	0.561	6.5	122	0.02
5 T	Vinyl Chloride	0.559	0.561	-0.4	123	0.02
6 T	Bromomethane	0.332	0.326	1.8	124	0.01
7	Chloroethane	0.198	0.188	5.1	117	0.02
8 T	Dichlorotetrafluoroethane	1.357	1.276	6.0	120	0.01
9 T	Propene	0.463	0.527	-13.8	122	0.02
10 T	Heptane	1.365	1.348	1.2	122	0.02
11 T	Trichlorofluoromethane	1.461	1.367	6.4	121	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.886	2.1	128	0.02
13	Ethanol	0.087	0.102	-17.2	158#	0.01
14 T	Bromoethene	0.379	0.381	-0.5	127	0.02
15 T	Acetone	1.222	1.079	11.7	126	0.01
16 T	1,3-Butadiene	0.585	0.545	6.8	122	0.01
17	tert-Butyl alcohol	0.949	1.115	-17.5	148	0.02
18 T	1,1-Dichloroethene	0.411	0.388	5.6	121	0.02
19 T	Isopropyl Alcohol	0.677	0.739	-9.2	148	0.02
20 T	Methylene Chloride	0.394	0.343	12.9	122	0.02
21 T	Allyl Chloride	0.681	0.644	5.4	122	0.02
22 T	trans-1,2-Dichloroethene	0.374	0.376	-0.5	126	0.02
23 T	Vinyl Acetate	1.437	1.403	2.4	120	0.02
24 T	1,1-Dichloroethane	1.063	1.060	0.3	125	0.02
25 T	Ethyl Acetate	2.360	2.234	5.3	120	0.02
26 T	Hexane	0.970	0.930	4.1	123	0.02
27 T	Carbon Disulfide	0.891	1.003	-12.6	129	0.02
28 T	Methyl tert-Butyl Ether	1.267	1.306	-3.1	128	0.02
29 T	Chloroform	1.562	1.492	4.5	124	0.02
30 T	Cyclohexane	0.806	0.784	2.7	125	0.03
31 T	cis-1,2-Dichloroethene	0.959	0.940	2.0	122	0.02
32 T	1,1,1-Trichloroethane	1.460	1.464	-0.3	125	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.02
34 T	2-Butanone	0.664	0.619	6.8	124	0.02
35 T	Carbon Tetrachloride	0.670	0.634	5.4	122	0.02
36 T	Benzene	0.849	0.834	1.8	124	0.02
37 T	1,2-Dichloroethane	0.525	0.504	4.0	121	0.02
38 T	Trichloroethene	0.304	0.287	5.6	123	0.02
39 T	1,2-Dichloropropane	0.345	0.338	2.0	124	0.03
40 T	1,4-Dioxane	0.120	0.124	-3.3	137	0.02
41 T	Tetrahydrofuran	0.371	0.369	0.5	125	0.02
42 T	Bromodichloromethane	0.703	0.685	2.6	122	0.02
43	Methyl Methacrylate	0.358	0.376	-5.0	124	0.03
44 T	2,2,4-Trimethylpentane	1.545	1.419	8.2	122	0.02
45 T	t-1,3-Dichloropropene	0.346	0.406	-17.3	124	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.488	-11.2	124	0.03
47 T	1,1,2-Trichloroethane	0.353	0.333	5.7	124	0.03
48 T	Dibromochloromethane	0.527	0.543	-3.0	121	0.02
49 T	Bromoform	0.426	0.452	-6.1	123	0.02
50 T	4-Methyl-2-Pentanone	0.986	0.971	1.5	123	0.02
51 T	2-Hexanone	0.749	0.788	-5.2	125	0.02
52 T	Tetrachloroethene	0.311	0.276	11.3	126	0.02
53 T	Toluene	0.920	0.929	-1.0	123	0.03
54 T	1,2-Dibromoethane	0.510	0.496	2.7	123	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.03
56	1,1,1,2-Tetrachloroethane	0.460	0.425	7.6	123	0.03
57 T	Chlorobenzene	0.773	0.693	10.3	124	0.02
58 T	Ethyl Benzene	1.369	1.299	5.1	121	0.03
59 T	m/p-Xylene	1.203	1.099	8.6	121	0.02
60 T	o-Xylene	1.150	1.029	10.5	122	0.03
61 T	Styrene	0.713	0.736	-3.2	121	0.02
62	Isopropylbenzene	1.724	1.525	11.5	121	0.02
63 T	1,1,2,2-Tetrachloroethane	0.907	0.734	19.1	120	0.02
64	n-propylbenzene	0.424	0.399	5.9	121	0.03
65	tert-Butylbenzene	1.475	1.313	11.0	123	0.02
66 T	Benzyl Chloride	0.401	0.476	-18.7	125	0.02
67	sec-Butylbenzene	2.127	1.857	12.7	120	0.02
68 S	1-Bromo-4-Fluorobenzene	0.823	0.820	0.4	111	0.02
69	p-Isopropyltoluene	1.644	1.528	7.1	121	0.02
70	n-Butylbenzene	1.763	1.611	8.6	121	0.03
71	2-Chlorotoluene	1.321	1.199	9.2	119	0.03
72 T	4-Ethyltoluene	1.280	1.202	6.1	121	0.02
73 T	1,3,5-Trimethylbenzene	1.241	1.125	9.3	121	0.03
74 T	1,2,4-Trimethylbenzene	1.267	1.148	9.4	122	0.02
75 T	1,3-Dichlorobenzene	0.687	0.614	10.6	121	0.02
76 T	1,4-Dichlorobenzene	0.714	0.619	13.3	119	0.02
77 T	1,2-Dichlorobenzene	0.682	0.614	10.0	124	0.03
78 T	Hexachloro-1,3-Butadiene	0.557	0.440	21.0	128	0.02
79 T	Naphthalene	0.751	0.880	-17.2	135	0.04
80 T	Naphthalene,2-methyl-	0.139	0.300	-115.8#	271#	0.02
81 T	1,2,4-Trichlorobenzene	0.458	0.453	1.1	133	0.03

(#) = Out of Range

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