

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036408.D
 Acq On : 1 Mar 2021 9:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 02 02:50:17 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	105	0.05
2 T	Dichlorodifluoromethane	1.492	1.215	18.6	100	0.04
3	Chlorodifluoromethane	1.243	1.140	8.3	116	0.03
4	Chloromethane	0.600	0.573	4.5	121	0.03
5 T	Vinyl Chloride	0.559	0.567	-1.4	120	0.04
6 T	Bromomethane	0.332	0.334	-0.6	123	0.04
7	Chloroethane	0.198	0.195	1.5	118	0.04
8 T	Dichlorotetrafluoroethane	1.357	1.281	5.6	117	0.03
9 T	Propene	0.463	0.517	-11.7	116	0.04
10 T	Heptane	1.365	1.358	0.5	119	0.06
11 T	Trichlorofluoromethane	1.461	1.373	6.0	117	0.04
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.891	1.5	125	0.04
13	Ethanol	0.087	0.098	-12.6	147	0.04
14 T	Bromoethene	0.379	0.383	-1.1	123	0.04
15 T	Acetone	1.222	1.078	11.8	122	0.04
16 T	1,3-Butadiene	0.585	0.553	5.5	120	0.04
17	tert-Butyl alcohol	0.949	0.944	0.5	121	0.04
18 T	1,1-Dichloroethene	0.411	0.386	6.1	117	0.04
19 T	Isopropyl Alcohol	0.677	0.637	5.9	124	0.04
20 T	Methylene Chloride	0.394	0.326	17.3	112	0.04
21 T	Allyl Chloride	0.681	0.639	6.2	117	0.04
22 T	trans-1,2-Dichloroethene	0.374	0.368	1.6	120	0.04
23 T	Vinyl Acetate	1.437	1.472	-2.4	122	0.04
24 T	1,1-Dichloroethane	1.063	1.066	-0.3	122	0.04
25 T	Ethyl Acetate	2.360	2.257	4.4	118	0.05
26 T	Hexane	0.970	0.929	4.2	119	0.05
27 T	Carbon Disulfide	0.891	0.984	-10.4	123	0.05
28 T	Methyl tert-Butyl Ether	1.267	1.311	-3.5	124	0.04
29 T	Chloroform	1.562	1.478	5.4	119	0.05
30 T	Cyclohexane	0.806	0.769	4.6	119	0.05
31 T	cis-1,2-Dichloroethene	0.959	0.946	1.4	120	0.05
32 T	1,1,1-Trichloroethane	1.460	1.442	1.2	119	0.05
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.05
34 T	2-Butanone	0.664	0.614	7.5	120	0.05
35 T	Carbon Tetrachloride	0.670	0.626	6.6	116	0.05
36 T	Benzene	0.849	0.829	2.4	119	0.05
37 T	1,2-Dichloroethane	0.525	0.486	7.4	113	0.05
38 T	Trichloroethene	0.304	0.282	7.2	118	0.05
39 T	1,2-Dichloropropane	0.345	0.337	2.3	120	0.06
40 T	1,4-Dioxane	0.120	0.115	4.2	123	0.05
41 T	Tetrahydrofuran	0.371	0.375	-1.1	123	0.05
42 T	Bromodichloromethane	0.703	0.673	4.3	116	0.05
43	Methyl Methacrylate	0.358	0.361	-0.8	115	0.05
44 T	2,2,4-Trimethylpentane	1.545	1.405	9.1	117	0.06
45 T	t-1,3-Dichloropropene	0.346	0.389	-12.4	115	0.06

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.479	-9.1	118	0.06
47 T	1,1,2-Trichloroethane	0.353	0.326	7.6	118	0.05
48 T	Dibromochloromethane	0.527	0.541	-2.7	117	0.06
49 T	Bromoform	0.426	0.455	-6.8	120	0.05
50 T	4-Methyl-2-Pentanone	0.986	0.961	2.5	118	0.06
51 T	2-Hexanone	0.749	0.775	-3.5	119	0.05
52 T	Tetrachloroethene	0.311	0.272	12.5	120	0.05
53 T	Toluene	0.920	0.916	0.4	118	0.06
54 T	1,2-Dibromoethane	0.510	0.493	3.3	119	0.06
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.06
56	1,1,1,2-Tetrachloroethane	0.460	0.428	7.0	118	0.06
57 T	Chlorobenzene	0.773	0.697	9.8	119	0.05
58 T	Ethyl Benzene	1.369	1.305	4.7	116	0.06
59 T	m/p-Xylene	1.203	1.107	8.0	116	0.05
60 T	o-Xylene	1.150	1.052	8.5	118	0.06
61 T	Styrene	0.713	0.739	-3.6	115	0.05
62	Isopropylbenzene	1.724	1.562	9.4	118	0.06
63 T	1,1,2,2-Tetrachloroethane	0.907	0.756	16.6	118	0.06
64	n-propylbenzene	0.424	0.401	5.4	115	0.06
65	tert-Butylbenzene	1.475	1.328	10.0	118	0.06
66 T	Benzyl Chloride	0.401	0.493	-22.9	123	0.05
67	sec-Butylbenzene	2.127	1.884	11.4	116	0.06
68 S	1-Bromo-4-Fluorobenzene	0.823	0.784	4.7	101	0.06
69	p-Isopropyltoluene	1.644	1.546	6.0	117	0.06
70	n-Butylbenzene	1.763	1.637	7.1	116	0.06
71	2-Chlorotoluene	1.321	1.224	7.3	116	0.06
72 T	4-Ethyltoluene	1.280	1.206	5.8	115	0.06
73 T	1,3,5-Trimethylbenzene	1.241	1.141	8.1	117	0.06
74 T	1,2,4-Trimethylbenzene	1.267	1.153	9.0	116	0.05
75 T	1,3-Dichlorobenzene	0.687	0.629	8.4	117	0.05
76 T	1,4-Dichlorobenzene	0.714	0.622	12.9	113	0.06
77 T	1,2-Dichlorobenzene	0.682	0.618	9.4	118	0.06
78 T	Hexachloro-1,3-Butadiene	0.557	0.432	22.4	119	0.05
79 T	Naphthalene	0.751	0.832	-10.8	121	0.07
80 T	Naphthalene,2-methyl-	0.139	0.203	-46.0#	174#	0.04
81 T	1,2,4-Trichlorobenzene	0.458	0.439	4.1	122	0.07

(#) = Out of Range

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