

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037098.D
 Acq On : 2 Jun 2021 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 03 03:28:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 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	104	0.00
2 T	Dichlorodifluoromethane	1.696	1.318	22.3	92	0.00
3	Chlorodifluoromethane	1.832	1.820	0.7	116	0.00
4	Chloromethane	0.623	0.625	-0.3	113	0.00
5 T	Vinyl Chloride	0.681	0.672	1.3	113	0.00
6 T	Bromomethane	0.359	0.376	-4.7	118	0.00
7	Chloroethane	0.221	0.244	-10.4	114	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.646	-3.3	118	0.00
9 T	Propene	0.656	0.583	11.1	101	0.00
10 T	Heptane	1.635	1.488	9.0	105	0.00
11 T	Trichlorofluoromethane	1.570	1.794	-14.3	127	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.118	1.215	-8.7	122	0.00
13	Ethanol	0.088	0.073	17.0	113	0.00
14 T	Bromoethene	0.493	0.535	-8.5	119	0.00
15 T	Acetone	1.024	0.909	11.2	124	0.00
16 T	1,3-Butadiene	0.636	0.649	-2.0	114	0.00
17	tert-Butyl alcohol	0.938	0.868	7.5	95	0.00
18 T	1,1-Dichloroethene	0.517	0.553	-7.0	120	0.00
19 T	Isopropyl Alcohol	0.551	0.516	6.4	109	0.00
20 T	Methylene Chloride	0.549	0.471	14.2	116	0.00
21 T	Allyl Chloride	0.773	0.770	0.4	111	0.00
22 T	trans-1,2-Dichloroethene	0.496	0.557	-12.3	126	0.00
23 T	Vinyl Acetate	1.626	1.510	7.1	100	0.00
24 T	1,1-Dichloroethane	1.170	1.136	2.9	104	0.00
25 T	Ethyl Acetate	2.461	2.289	7.0	108	0.00
26 T	Hexane	1.257	1.131	10.0	109	0.00
27 T	Carbon Disulfide	1.267	1.215	4.1	104	0.00
28 T	Methyl tert-Butyl Ether	1.507	1.324	12.1	97	0.00
29 T	Chloroform	1.776	1.837	-3.4	118	0.00
30 T	Cyclohexane	1.068	0.993	7.0	107	0.00
31 T	cis-1,2-Dichloroethene	1.127	1.122	0.4	112	0.00
32 T	1,1,1-Trichloroethane	1.907	1.927	-1.0	119	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
34 T	2-Butanone	0.364	0.353	3.0	110	0.00
35 T	Carbon Tetrachloride	0.664	0.689	-3.8	125	0.00
36 T	Benzene	0.861	0.779	9.5	106	0.00
37 T	1,2-Dichloroethane	0.427	0.463	-8.4	123	0.00
38 T	Trichloroethene	0.368	0.334	9.2	118	0.00
39 T	1,2-Dichloropropane	0.332	0.298	10.2	104	0.00
40 T	1,4-Dioxane	0.078	0.067	14.1	118	0.00
41 T	Tetrahydrofuran	0.207	0.173	16.4	96	0.00
42 T	Bromodichloromethane	0.646	0.658	-1.9	115	0.00
43	Methyl Methacrylate	0.297	0.279	6.1	104	0.00
44 T	2,2,4-Trimethylpentane	1.478	1.289	12.8	107	0.00
45 T	t-1,3-Dichloropropene	0.227	0.225	0.9	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.305	0.286	6.2	101	0.00
47 T	1,1,2-Trichloroethane	0.347	0.335	3.5	112	0.00
48 T	Dibromochloromethane	0.562	0.600	-6.8	117	0.00
49 T	Bromoform	0.464	0.499	-7.5	115	0.00
50 T	4-Methyl-2-Pentanone	0.601	0.555	7.7	105	0.00
51 T	2-Hexanone	0.318	0.295	7.2	103	0.00
52 T	Tetrachloroethene	0.343	0.324	5.5	115	0.00
53 T	Toluene	1.025	0.938	8.5	110	0.00
54 T	1,2-Dibromoethane	0.494	0.501	-1.4	115	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.421	0.440	-4.5	120	0.00
57 T	Chlorobenzene	0.775	0.767	1.0	116	0.00
58 T	Ethyl Benzene	1.411	1.347	4.5	111	0.00
59 T	m/p-Xylene	1.167	1.139	2.4	115	0.00
60 T	o-Xylene	1.113	1.088	2.2	116	0.00
61 T	Styrene	0.627	0.636	-1.4	110	0.00
62	Isopropylbenzene	1.599	1.538	3.8	115	0.00
63 T	1,1,2,2-Tetrachloroethane	0.831	0.740	11.0	113	0.00
64	n-propylbenzene	0.413	0.422	-2.2	116	0.00
65	tert-Butylbenzene	1.443	1.418	1.7	119	0.00
66 T	Benzyl Chloride	0.080	0.065	18.8	85	0.00
67	sec-Butylbenzene	1.968	1.898	3.6	116	0.00
68 S	1-Bromo-4-Fluorobenzene	0.751	0.789	-5.1	106	0.00
69	p-Isopropyltoluene	1.692	1.687	0.3	118	0.00
70	n-Butylbenzene	1.608	1.635	-1.7	116	0.00
71	2-Chlorotoluene	1.155	1.131	2.1	113	0.00
72 T	4-Ethyltoluene	1.321	1.354	-2.5	115	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.248	-0.6	118	0.00
74 T	1,2,4-Trimethylbenzene	1.282	1.303	-1.6	120	0.00
75 T	1,3-Dichlorobenzene	0.783	0.812	-3.7	118	0.00
76 T	1,4-Dichlorobenzene	0.792	0.795	-0.4	120	0.00
77 T	1,2-Dichlorobenzene	0.785	0.792	-0.9	118	0.00
78 T	Hexachloro-1,3-Butadiene	0.631	0.575	8.9	117	0.00
79 T	Naphthalene	1.006	1.133	-12.6	112	0.00
80 T	Naphthalene,2-methyl-	0.219	0.253	-15.5	118	0.00
81 T	1,2,4-Trichlorobenzene	0.613	0.645	-5.2	113	0.00

(#) = Out of Range

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