

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037124.D
 Acq On : 3 Jun 2021 8:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 04 06:51:55 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	103	0.00
2 T	Dichlorodifluoromethane	1.696	1.502	11.4	104	0.00
3	Chlorodifluoromethane	1.832	1.853	-1.1	118	0.00
4	Chloromethane	0.623	0.638	-2.4	115	0.00
5 T	Vinyl Chloride	0.681	0.697	-2.3	117	0.00
6 T	Bromomethane	0.359	0.417	-16.2	130	0.00
7	Chloroethane	0.221	0.250	-13.1	116	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.697	-6.5	121	0.00
9 T	Propene	0.656	0.597	9.0	103	0.00
10 T	Heptane	1.635	1.540	5.8	109	0.01
11 T	Trichlorofluoromethane	1.570	1.832	-16.7	129	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.118	1.274	-14.0	127	0.00
13	Ethanol	0.088	0.077	12.5	120	0.00
14 T	Bromoethene	0.493	0.541	-9.7	120	0.00
15 T	Acetone	1.024	0.926	9.6	126	0.00
16 T	1,3-Butadiene	0.636	0.666	-4.7	116	0.00
17	tert-Butyl alcohol	0.938	1.091	-16.3	119	0.00
18 T	1,1-Dichloroethene	0.517	0.583	-12.8	126	0.00
19 T	Isopropyl Alcohol	0.551	0.679	-23.2	143	0.00
20 T	Methylene Chloride	0.549	0.471	14.2	116	0.00
21 T	Allyl Chloride	0.773	0.806	-4.3	115	0.00
22 T	trans-1,2-Dichloroethene	0.496	0.569	-14.7	128	0.00
23 T	Vinyl Acetate	1.626	1.589	2.3	104	0.00
24 T	1,1-Dichloroethane	1.170	1.275	-9.0	116	0.00
25 T	Ethyl Acetate	2.461	2.394	2.7	113	0.00
26 T	Hexane	1.257	1.136	9.6	109	0.01
27 T	Carbon Disulfide	1.267	1.292	-2.0	110	0.00
28 T	Methyl tert-Butyl Ether	1.507	1.453	3.6	106	0.00
29 T	Chloroform	1.776	1.894	-6.6	121	0.00
30 T	Cyclohexane	1.068	1.028	3.7	110	0.01
31 T	cis-1,2-Dichloroethene	1.127	1.175	-4.3	117	0.00
32 T	1,1,1-Trichloroethane	1.907	1.949	-2.2	120	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
34 T	2-Butanone	0.364	0.376	-3.3	116	0.00
35 T	Carbon Tetrachloride	0.664	0.688	-3.6	125	0.00
36 T	Benzene	0.861	0.808	6.2	110	0.01
37 T	1,2-Dichloroethane	0.427	0.479	-12.2	126	0.00
38 T	Trichloroethene	0.368	0.352	4.3	124	0.01
39 T	1,2-Dichloropropane	0.332	0.309	6.9	108	0.00
40 T	1,4-Dioxane	0.078	0.083	-6.4	144	0.01
41 T	Tetrahydrofuran	0.207	0.189	8.7	104	0.01
42 T	Bromodichloromethane	0.646	0.669	-3.6	117	0.01
43	Methyl Methacrylate	0.297	0.299	-0.7	111	0.00
44 T	2,2,4-Trimethylpentane	1.478	1.323	10.5	110	0.01
45 T	t-1,3-Dichloropropene	0.227	0.285	-25.6	130	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.305	0.359	-17.7	126	0.01
47 T	1,1,2-Trichloroethane	0.347	0.344	0.9	115	0.00
48 T	Dibromochloromethane	0.562	0.618	-10.0	120	0.02
49 T	Bromoform	0.464	0.507	-9.3	116	0.02
50 T	4-Methyl-2-Pentanone	0.601	0.575	4.3	108	0.00
51 T	2-Hexanone	0.318	0.311	2.2	108	0.01
52 T	Tetrachloroethene	0.343	0.341	0.6	121	0.01
53 T	Toluene	1.025	0.976	4.8	114	0.01
54 T	1,2-Dibromoethane	0.494	0.518	-4.9	118	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.01
56	1,1,1,2-Tetrachloroethane	0.421	0.442	-5.0	122	0.01
57 T	Chlorobenzene	0.775	0.793	-2.3	121	0.02
58 T	Ethyl Benzene	1.411	1.379	2.3	115	0.02
59 T	m/p-Xylene	1.167	1.164	0.3	118	0.02
60 T	o-Xylene	1.113	1.102	1.0	118	0.01
61 T	Styrene	0.627	0.652	-4.0	114	0.01
62	Isopropylbenzene	1.599	1.549	3.1	117	0.02
63 T	1,1,2,2-Tetrachloroethane	0.831	0.751	9.6	116	0.01
64	n-propylbenzene	0.413	0.419	-1.5	116	0.02
65	tert-Butylbenzene	1.443	1.410	2.3	120	0.02
66 T	Benzyl Chloride	0.080	0.064	20.0	84	0.02
67	sec-Butylbenzene	1.968	1.875	4.7	115	0.02
68 S	1-Bromo-4-Fluorobenzene	0.751	0.769	-2.4	104	0.01
69	p-Isopropyltoluene	1.692	1.621	4.2	114	0.02
70	n-Butylbenzene	1.608	1.532	4.7	110	0.01
71	2-Chlorotoluene	1.155	1.135	1.7	115	0.02
72 T	4-Ethyltoluene	1.321	1.349	-2.1	116	0.02
73 T	1,3,5-Trimethylbenzene	1.240	1.222	1.5	116	0.02
74 T	1,2,4-Trimethylbenzene	1.282	1.277	0.4	119	0.02
75 T	1,3-Dichlorobenzene	0.783	0.787	-0.5	116	0.01
76 T	1,4-Dichlorobenzene	0.792	0.772	2.5	118	0.02
77 T	1,2-Dichlorobenzene	0.785	0.758	3.4	114	0.02
78 T	Hexachloro-1,3-Butadiene	0.631	0.471	25.4	97	0.01
79 T	Naphthalene	1.006	0.957	4.9	95	0.02
80 T	Naphthalene,2-methyl-	0.219	0.297	-35.6#	140	0.00
81 T	1,2,4-Trichlorobenzene	0.613	0.548	10.6	97	0.02

(#) = Out of Range

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