

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041104.D
 Acq On : 14 Mar 2024 11:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 15 02:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 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	92	-0.02
2 T	Dichlorodifluoromethane	1.906	1.416	25.7	73	0.00
3	Chlorodifluoromethane	1.469	1.487	-1.2	100	0.00
4	Chloromethane	0.556	0.570	-2.5	104	0.00
5 T	Vinyl Chloride	0.566	0.604	-6.7	103	0.00
6 T	Bromomethane	0.224	0.171	23.7	71	0.00
7	Chloroethane	0.196	0.201	-2.6	98	0.00
8 T	Dichlorotetrafluoroethane	1.384	1.418	-2.5	101	0.00
9 T	Propene	0.489	0.517	-5.7	103	0.00
10 T	Heptane	1.170	1.237	-5.7	98	-0.03
11 T	Trichlorofluoromethane	1.469	1.450	1.3	95	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.073	0.6	96	-0.02
13	Ethanol	0.130	0.100	23.1	86	-0.01
14 T	Bromoethene	0.421	0.453	-7.6	102	-0.01
15 T	Acetone	1.139	1.042	8.5	102	-0.01
16 T	1,3-Butadiene	0.517	0.556	-7.5	102	0.00
17	tert-Butyl alcohol	0.844	1.062	-25.8	123	-0.02
18 T	1,1-Dichloroethene	0.472	0.477	-1.1	97	-0.02
19 T	Isopropyl Alcohol	0.609	0.702	-15.3	112	-0.01
20 T	Methylene Chloride	0.444	0.410	7.7	99	-0.01
21 T	Allyl Chloride	0.643	0.646	-0.5	96	-0.01
22 T	trans-1,2-Dichloroethene	0.550	0.502	8.7	83	-0.02
23 T	Vinyl Acetate	1.289	1.175	8.8	81	-0.02
24 T	1,1-Dichloroethane	1.165	1.011	13.2	81	-0.02
25 T	Ethyl Acetate	2.053	2.037	0.8	95	-0.02
26 T	Hexane	0.917	0.905	1.3	96	-0.02
27 T	Carbon Disulfide	1.100	1.207	-9.7	98	-0.02
28 T	Methyl tert-Butyl Ether	0.811	0.702	13.4	82	-0.02
29 T	Chloroform	1.562	1.524	2.4	94	-0.02
30 T	Cyclohexane	0.760	0.801	-5.4	102	-0.03
31 T	cis-1,2-Dichloroethene	0.893	0.905	-1.3	94	-0.02
32 T	1,1,1-Trichloroethane	1.415	1.535	-8.5	98	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.03
34 T	2-Butanone	0.495	0.427	13.7	82	-0.02
35 T	Carbon Tetrachloride	0.584	0.620	-6.2	96	-0.02
36 T	Benzene	0.744	0.760	-2.2	99	-0.02
37 T	1,2-Dichloroethane	0.448	0.449	-0.2	97	-0.02
38 T	Trichloroethene	0.270	0.302	-11.9	100	-0.03
39 T	1,2-Dichloropropane	0.298	0.296	0.7	98	-0.02
40 T	1,4-Dioxane	0.117	0.111	5.1	91	-0.02
41 T	Tetrahydrofuran	0.295	0.304	-3.1	97	-0.02
42 T	Bromodichloromethane	0.642	0.653	-1.7	96	-0.02
43	Methyl Methacrylate	0.288	0.316	-9.7	99	-0.02
44 T	2,2,4-Trimethylpentane	1.243	1.245	-0.2	98	-0.02
45 T	t-1,3-Dichloropropene	0.198	0.166	16.2	69	-0.03
46 T	cis-1,3-Dichloropropene	0.249	0.222	10.8	77	-0.02
47 T	1,1,2-Trichloroethane	0.318	0.322	-1.3	98	-0.03
48 T	Dibromochloromethane	0.518	0.555	-7.1	97	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.412	0.441	-7.0	93	-0.03
50 T	4-Methyl-2-Pentanone	0.730	0.794	-8.8	100	-0.03
51 T	2-Hexanone	0.535	0.590	-10.3	101	-0.03
52 T	Tetrachloroethene	0.231	0.259	-12.1	98	-0.02
53 T	Toluene	0.802	0.863	-7.6	98	-0.03
54 T	1,2-Dibromoethane	0.408	0.421	-3.2	89	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.03
56	1,1,1,2-Tetrachloroethane	0.428	0.432	-0.9	96	-0.03
57 T	Chlorobenzene	0.705	0.716	-1.6	96	-0.03
58 T	Ethyl Benzene	1.171	1.244	-6.2	96	-0.02
59 T	m/p-Xylene	1.028	1.062	-3.3	96	-0.03
60 T	o-Xylene	0.976	1.010	-3.5	95	-0.03
61 T	Styrene	0.441	0.516	-17.0	94	-0.03
62	Isopropylbenzene	1.450	1.482	-2.2	96	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.733	0.763	-4.1	95	-0.03
64	n-propylbenzene	0.365	0.386	-5.8	97	-0.03
65	tert-Butylbenzene	1.260	1.316	-4.4	98	-0.03
66 T	Benzyl Chloride	0.085	0.054	36.5#	53	-0.03
67	sec-Butylbenzene	1.812	1.858	-2.5	97	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.782	0.794	-1.5	93	-0.03
69	p-Isopropyltoluene	1.414	1.503	-6.3	97	-0.03
70	n-Butylbenzene	1.528	1.628	-6.5	97	-0.02
71	2-Chlorotoluene	1.109	1.150	-3.7	95	-0.03
72 T	4-Ethyltoluene	1.074	1.133	-5.5	93	-0.03
73 T	1,3,5-Trimethylbenzene	0.951	1.011	-6.3	96	-0.03
74 T	1,2,4-Trimethylbenzene	1.086	1.127	-3.8	98	-0.03
75 T	1,3-Dichlorobenzene	0.620	0.644	-3.9	95	-0.02
76 T	1,4-Dichlorobenzene	0.625	0.623	0.3	94	-0.03
77 T	1,2-Dichlorobenzene	0.606	0.630	-4.0	97	-0.03
78 T	Hexachloro-1,3-Butadiene	0.427	0.375	12.2	96	-0.03
79 T	Naphthalene	0.629	0.877	-39.4#	105	-0.03
80 T	Naphthalene,2-methyl-	0.101	0.179	-77.2#	136	-0.02
81 T	1,2,4-Trichlorobenzene	0.362	0.437	-20.7	105	-0.03

(#) = Out of Range

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