

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040582.D
 Acq On : 31 Jul 2023 21:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:42:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 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	102	-0.02
2 T	Dichlorodifluoromethane	2.000	1.702	14.9	95	-0.02
3	Chlorodifluoromethane	1.585	1.449	8.6	100	-0.02
4	Chloromethane	0.628	0.547	12.9	93	-0.02
5 T	Vinyl Chloride	0.659	0.614	6.8	103	-0.02
6 T	Bromomethane	0.278	0.265	4.7	105	-0.02
7	Chloroethane	0.231	0.226	2.2	106	-0.02
8 T	Dichlorotetrafluoroethane	1.646	1.584	3.8	106	-0.02
9 T	Propene	0.543	0.411	24.3	82	-0.02
10 T	Heptane	1.198	1.114	7.0	91	-0.02
11 T	Trichlorofluoromethane	1.614	1.741	-7.9	121	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.215	-6.9	118	-0.02
13	Ethanol	0.118	0.094	20.3	96	-0.02
14 T	Bromoethene	0.489	0.498	-1.8	109	-0.02
15 T	Acetone	1.151	1.062	7.7	104	-0.02
16 T	1,3-Butadiene	0.581	0.565	2.8	100	-0.02
17	tert-Butyl alcohol	1.191	1.226	-2.9	107	-0.02
18 T	1,1-Dichloroethene	0.523	0.551	-5.4	115	-0.02
19 T	Isopropyl Alcohol	0.661	0.669	-1.2	103	-0.02
20 T	Methylene Chloride	0.490	0.470	4.1	117	-0.02
21 T	Allyl Chloride	0.657	0.634	3.5	102	-0.02
22 T	trans-1,2-Dichloroethene	0.516	0.535	-3.7	107	-0.02
23 T	Vinyl Acetate	1.097	1.131	-3.1	101	-0.02
24 T	1,1-Dichloroethane	1.113	1.107	0.5	109	-0.02
25 T	Ethyl Acetate	2.191	1.996	8.9	94	-0.02
26 T	Hexane	1.018	0.867	14.8	89	-0.02
27 T	Carbon Disulfide	1.198	1.342	-12.0	109	-0.02
28 T	Methyl tert-Butyl Ether	0.820	0.755	7.9	96	-0.02
29 T	Chloroform	1.689	1.581	6.4	101	-0.02
30 T	Cyclohexane	0.847	0.740	12.6	90	-0.01
31 T	cis-1,2-Dichloroethene	1.006	0.916	8.9	91	-0.02
32 T	1,1,1-Trichloroethane	1.652	1.619	2.0	104	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.02
34 T	2-Butanone	0.494	0.487	1.4	91	-0.02
35 T	Carbon Tetrachloride	0.602	0.693	-15.1	106	-0.02
36 T	Benzene	0.805	0.744	7.6	86	-0.02
37 T	1,2-Dichloroethane	0.473	0.496	-4.9	104	-0.02
38 T	Trichloroethene	0.304	0.308	-1.3	90	-0.02
39 T	1,2-Dichloropropane	0.310	0.295	4.8	89	-0.02
40 T	1,4-Dioxane	0.097	0.095	2.1	92	-0.02
41 T	Tetrahydrofuran	0.288	0.270	6.2	84	-0.02
42 T	Bromodichloromethane	0.658	0.712	-8.2	101	-0.02
43	Methyl Methacrylate	0.301	0.313	-4.0	89	-0.02
44 T	2,2,4-Trimethylpentane	1.295	1.256	3.0	90	-0.02
45 T	t-1,3-Dichloropropene	0.193	0.203	-5.2	82	-0.02
46 T	cis-1,3-Dichloropropene	0.248	0.246	0.8	82	-0.02
47 T	1,1,2-Trichloroethane	0.342	0.327	4.4	91	-0.02
48 T	Dibromochloromethane	0.528	0.583	-10.4	97	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.484	-15.5	96	-0.02
50 T	4-Methyl-2-Pentanone	0.718	0.765	-6.5	95	-0.02
51 T	2-Hexanone	0.508	0.547	-7.7	89	-0.02
52 T	Tetrachloroethene	0.261	0.260	0.4	84	-0.02
53 T	Toluene	0.874	0.879	-0.6	87	-0.02
54 T	1,2-Dibromoethane	0.425	0.424	0.2	86	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.02
56	1,1,1,2-Tetrachloroethane	0.448	0.445	0.7	99	-0.02
57 T	Chlorobenzene	0.780	0.724	7.2	91	-0.02
58 T	Ethyl Benzene	1.255	1.246	0.7	90	-0.02
59 T	m/p-Xylene	1.120	1.120	0.0	96	-0.02
60 T	o-Xylene	1.067	1.098	-2.9	99	-0.02
61 T	Styrene	0.492	0.518	-5.3	86	-0.02
62	Isopropylbenzene	1.599	1.579	1.3	96	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.747	0.775	-3.7	101	-0.02
64	n-propylbenzene	0.414	0.409	1.2	92	-0.02
65	tert-Butylbenzene	1.416	1.405	0.8	96	-0.02
66 T	Benzyl Chloride	0.100	0.115	-15.0	99	-0.02
67	sec-Butylbenzene	2.080	2.032	2.3	96	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.791	0.862	-9.0	106	-0.01
69	p-Isopropyltoluene	1.719	1.654	3.8	92	-0.02
70	n-Butylbenzene	1.917	1.840	4.0	93	-0.01
71	2-Chlorotoluene	1.233	1.235	-0.2	96	-0.02
72 T	4-Ethyltoluene	1.251	1.277	-2.1	94	-0.02
73 T	1,3,5-Trimethylbenzene	1.103	1.116	-1.2	94	-0.02
74 T	1,2,4-Trimethylbenzene	1.285	1.270	1.2	97	-0.02
75 T	1,3-Dichlorobenzene	0.779	0.721	7.4	91	-0.02
76 T	1,4-Dichlorobenzene	0.764	0.710	7.1	90	-0.02
77 T	1,2-Dichlorobenzene	0.745	0.695	6.7	90	-0.02
78 T	Hexachloro-1,3-Butadiene	0.700	0.500	28.6	74	-0.02
79 T	Naphthalene	1.088	1.032	5.1	75	-0.02
80 T	Naphthalene,2-methyl-	0.448	0.292	34.8#	46	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.605	19.2	75	-0.02

(#) = Out of Range

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