

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040604.D
 Acq On : 9 Aug 2023 13:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 10 01:18:42 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	88	0.00
2 T	Dichlorodifluoromethane	2.000	1.984	0.8	96	-0.02
3	Chlorodifluoromethane	1.585	1.605	-1.3	97	-0.02
4	Chloromethane	0.628	0.626	0.3	93	-0.02
5 T	Vinyl Chloride	0.659	0.668	-1.4	98	-0.02
6 T	Bromomethane	0.278	0.292	-5.0	101	-0.02
7	Chloroethane	0.231	0.248	-7.4	102	-0.02
8 T	Dichlorotetrafluoroethane	1.646	1.769	-7.5	103	-0.02
9 T	Propene	0.543	0.473	12.9	82	-0.02
10 T	Heptane	1.198	1.239	-3.4	89	0.00
11 T	Trichlorofluoromethane	1.614	1.855	-14.9	112	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.309	-15.1	111	0.00
13	Ethanol	0.118	0.108	8.5	96	-0.01
14 T	Bromoethene	0.489	0.548	-12.1	105	-0.02
15 T	Acetone	1.151	1.208	-5.0	103	-0.01
16 T	1,3-Butadiene	0.581	0.595	-2.4	92	-0.02
17	tert-Butyl alcohol	1.191	1.350	-13.4	103	0.00
18 T	1,1-Dichloroethene	0.523	0.591	-13.0	107	-0.02
19 T	Isopropyl Alcohol	0.661	0.702	-6.2	94	-0.01
20 T	Methylene Chloride	0.490	0.517	-5.5	112	-0.01
21 T	Allyl Chloride	0.657	0.693	-5.5	97	-0.01
22 T	trans-1,2-Dichloroethene	0.516	0.586	-13.6	102	0.00
23 T	Vinyl Acetate	1.097	1.247	-13.7	97	0.00
24 T	1,1-Dichloroethane	1.113	1.196	-7.5	102	0.00
25 T	Ethyl Acetate	2.191	2.229	-1.7	92	0.00
26 T	Hexane	1.018	0.984	3.3	88	0.00
27 T	Carbon Disulfide	1.198	1.440	-20.2	101	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.847	-3.3	94	0.00
29 T	Chloroform	1.689	1.765	-4.5	98	0.00
30 T	Cyclohexane	0.847	0.833	1.7	88	0.00
31 T	cis-1,2-Dichloroethene	1.006	0.997	0.9	87	0.00
32 T	1,1,1-Trichloroethane	1.652	1.789	-8.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
34 T	2-Butanone	0.494	0.553	-11.9	90	0.00
35 T	Carbon Tetrachloride	0.602	0.767	-27.4	102	0.00
36 T	Benzene	0.805	0.832	-3.4	84	0.00
37 T	1,2-Dichloroethane	0.473	0.559	-18.2	102	0.00
38 T	Trichloroethene	0.304	0.344	-13.2	88	0.00
39 T	1,2-Dichloropropane	0.310	0.328	-5.8	86	0.00
40 T	1,4-Dioxane	0.097	0.107	-10.3	90	0.00
41 T	Tetrahydrofuran	0.288	0.305	-5.9	83	0.00
42 T	Bromodichloromethane	0.658	0.784	-19.1	97	0.00
43	Methyl Methacrylate	0.301	0.347	-15.3	86	0.00
44 T	2,2,4-Trimethylpentane	1.295	1.418	-9.5	88	0.00
45 T	t-1,3-Dichloropropene	0.193	0.232	-20.2	82	0.00
46 T	cis-1,3-Dichloropropene	0.248	0.281	-13.3	81	0.00
47 T	1,1,2-Trichloroethane	0.342	0.365	-6.7	88	0.00
48 T	Dibromochloromethane	0.528	0.643	-21.8	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.532	-27.0	92	0.00
50 T	4-Methyl-2-Pentanone	0.718	0.854	-18.9	92	0.00
51 T	2-Hexanone	0.508	0.598	-17.7	84	0.00
52 T	Tetrachloroethene	0.261	0.289	-10.7	81	0.00
53 T	Toluene	0.874	0.976	-11.7	84	0.00
54 T	1,2-Dibromoethane	0.425	0.472	-11.1	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
56	1,1,1,2-Tetrachloroethane	0.448	0.516	-15.2	94	0.00
57 T	Chlorobenzene	0.780	0.837	-7.3	87	0.00
58 T	Ethyl Benzene	1.255	1.458	-16.2	87	0.00
59 T	m/p-Xylene	1.120	1.308	-16.8	93	0.00
60 T	o-Xylene	1.067	1.278	-19.8	95	0.00
61 T	Styrene	0.492	0.599	-21.7	82	0.00
62	Isopropylbenzene	1.599	1.832	-14.6	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.747	0.917	-22.8	98	0.00
64	n-propylbenzene	0.414	0.476	-15.0	89	0.00
65	tert-Butylbenzene	1.416	1.641	-15.9	92	0.00
66 T	Benzyl Chloride	0.100	0.135	-35.0#	96	0.00
67	sec-Butylbenzene	2.080	2.372	-14.0	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.791	0.907	-14.7	92	0.00
69	p-Isopropyltoluene	1.719	1.920	-11.7	88	0.00
70	n-Butylbenzene	1.917	2.158	-12.6	90	0.00
71	2-Chlorotoluene	1.233	1.443	-17.0	92	0.00
72 T	4-Ethyltoluene	1.251	1.484	-18.6	90	0.00
73 T	1,3,5-Trimethylbenzene	1.103	1.291	-17.0	90	0.00
74 T	1,2,4-Trimethylbenzene	1.285	1.485	-15.6	94	0.00
75 T	1,3-Dichlorobenzene	0.779	0.840	-7.8	87	0.00
76 T	1,4-Dichlorobenzene	0.764	0.824	-7.9	86	0.00
77 T	1,2-Dichlorobenzene	0.745	0.811	-8.9	87	0.00
78 T	Hexachloro-1,3-Butadiene	0.700	0.570	18.6	70	0.00
79 T	Naphthalene	1.088	1.172	-7.7	70	0.00
80 T	Naphthalene,2-methyl-	0.448	0.342	23.7	45	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.685	8.5	70	0.00

(#) = Out of Range

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