

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040584.D
 Acq On : 4 Aug 2023 8:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 05 01:06:41 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	110	-0.02
2 T	Dichlorodifluoromethane	2.000	1.877	6.2	114	-0.02
3	Chlorodifluoromethane	1.585	1.430	9.8	108	-0.02
4	Chloromethane	0.628	0.555	11.6	103	-0.02
5 T	Vinyl Chloride	0.659	0.628	4.7	114	-0.02
6 T	Bromomethane	0.278	0.260	6.5	113	-0.02
7	Chloroethane	0.231	0.219	5.2	112	-0.02
8 T	Dichlorotetrafluoroethane	1.646	1.560	5.2	113	-0.02
9 T	Propene	0.543	0.444	18.2	96	-0.02
10 T	Heptane	1.198	1.099	8.3	98	-0.02
11 T	Trichlorofluoromethane	1.614	1.665	-3.2	126	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.159	-1.9	123	-0.01
13	Ethanol	0.118	0.108	8.5	120	-0.01
14 T	Bromoethene	0.489	0.488	0.2	116	-0.02
15 T	Acetone	1.151	1.073	6.8	115	-0.02
16 T	1,3-Butadiene	0.581	0.565	2.8	109	-0.02
17	tert-Butyl alcohol	1.191	1.237	-3.9	117	-0.01
18 T	1,1-Dichloroethene	0.523	0.532	-1.7	120	-0.02
19 T	Isopropyl Alcohol	0.661	0.715	-8.2	120	-0.02
20 T	Methylene Chloride	0.490	0.473	3.5	128	-0.02
21 T	Allyl Chloride	0.657	0.631	4.0	110	-0.02
22 T	trans-1,2-Dichloroethene	0.516	0.523	-1.4	114	-0.02
23 T	Vinyl Acetate	1.097	1.074	2.1	105	-0.02
24 T	1,1-Dichloroethane	1.113	1.091	2.0	117	-0.02
25 T	Ethyl Acetate	2.191	2.024	7.6	104	-0.01
26 T	Hexane	1.018	0.904	11.2	101	-0.02
27 T	Carbon Disulfide	1.198	1.340	-11.9	118	-0.01
28 T	Methyl tert-Butyl Ether	0.820	0.776	5.4	108	-0.02
29 T	Chloroform	1.689	1.574	6.8	110	-0.02
30 T	Cyclohexane	0.847	0.746	11.9	98	-0.01
31 T	cis-1,2-Dichloroethene	1.006	0.923	8.3	100	-0.01
32 T	1,1,1-Trichloroethane	1.652	1.598	3.3	112	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.02
34 T	2-Butanone	0.494	0.491	0.6	101	-0.01
35 T	Carbon Tetrachloride	0.602	0.667	-10.8	113	-0.02
36 T	Benzene	0.805	0.751	6.7	96	-0.02
37 T	1,2-Dichloroethane	0.473	0.492	-4.0	114	-0.01
38 T	Trichloroethene	0.304	0.307	-1.0	99	-0.02
39 T	1,2-Dichloropropane	0.310	0.297	4.2	99	-0.01
40 T	1,4-Dioxane	0.097	0.100	-3.1	107	-0.02
41 T	Tetrahydrofuran	0.288	0.277	3.8	95	-0.01
42 T	Bromodichloromethane	0.658	0.694	-5.5	109	-0.01
43	Methyl Methacrylate	0.301	0.308	-2.3	97	-0.01
44 T	2,2,4-Trimethylpentane	1.295	1.254	3.2	99	-0.01
45 T	t-1,3-Dichloropropene	0.193	0.208	-7.8	93	-0.01
46 T	cis-1,3-Dichloropropene	0.248	0.252	-1.6	92	-0.01
47 T	1,1,2-Trichloroethane	0.342	0.323	5.6	99	0.00
48 T	Dibromochloromethane	0.528	0.563	-6.6	103	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.461	-10.0	101	-0.02
50 T	4-Methyl-2-Pentanone	0.718	0.737	-2.6	100	-0.01
51 T	2-Hexanone	0.508	0.526	-3.5	94	-0.01
52 T	Tetrachloroethene	0.261	0.258	1.1	92	-0.01
53 T	Toluene	0.874	0.868	0.7	95	0.00
54 T	1,2-Dibromoethane	0.425	0.422	0.7	94	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.448	0.442	1.3	104	-0.01
57 T	Chlorobenzene	0.780	0.717	8.1	96	0.00
58 T	Ethyl Benzene	1.255	1.250	0.4	96	-0.01
59 T	m/p-Xylene	1.120	1.108	1.1	101	-0.01
60 T	o-Xylene	1.067	1.072	-0.5	102	-0.01
61 T	Styrene	0.492	0.524	-6.5	92	-0.02
62	Isopropylbenzene	1.599	1.547	3.3	99	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.747	0.763	-2.1	105	-0.01
64	n-propylbenzene	0.414	0.401	3.1	96	-0.02
65	tert-Butylbenzene	1.416	1.367	3.5	99	0.00
66 T	Benzyl Chloride	0.100	0.117	-17.0	106	0.00
67	sec-Butylbenzene	2.080	1.974	5.1	99	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.791	0.854	-8.0	111	0.00
69	p-Isopropyltoluene	1.719	1.601	6.9	95	0.00
70	n-Butylbenzene	1.917	1.795	6.4	97	0.00
71	2-Chlorotoluene	1.233	1.223	0.8	100	-0.01
72 T	4-Ethyltoluene	1.251	1.250	0.1	97	0.00
73 T	1,3,5-Trimethylbenzene	1.103	1.093	0.9	98	0.00
74 T	1,2,4-Trimethylbenzene	1.285	1.243	3.3	101	0.00
75 T	1,3-Dichlorobenzene	0.779	0.701	10.0	93	-0.01
76 T	1,4-Dichlorobenzene	0.764	0.687	10.1	92	-0.01
77 T	1,2-Dichlorobenzene	0.745	0.678	9.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.700	0.491	29.9	77	-0.02
79 T	Naphthalene	1.088	1.009	7.3	77	0.00
80 T	Naphthalene,2-methyl-	0.448	0.319	28.8	53	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.587	21.6	77	0.00

(#) = Out of Range

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