

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041144.D
 Acq On : 8 Apr 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 09 01:11:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 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	87	-0.04
2 T	Dichlorodifluoromethane	1.711	1.523	11.0	86	-0.02
3	Chlorodifluoromethane	1.540	1.452	5.7	93	-0.02
4	Chloromethane	0.583	0.556	4.6	94	-0.02
5 T	Vinyl Chloride	0.563	0.591	-5.0	97	-0.02
6 T	Bromomethane	0.212	0.199	6.1	88	-0.03
7	Chloroethane	0.207	0.207	0.0	93	-0.02
8 T	Dichlorotetrafluoroethane	1.459	1.401	4.0	91	-0.02
9 T	Propene	0.490	0.507	-3.5	100	-0.02
10 T	Heptane	1.163	1.252	-7.7	95	-0.05
11 T	Trichlorofluoromethane	1.551	1.470	5.2	91	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.123	1.076	4.2	92	-0.03
13	Ethanol	0.117	0.090	23.1	80	-0.02
14 T	Bromoethene	0.442	0.431	2.5	90	-0.03
15 T	Acetone	1.083	1.000	7.7	93	-0.03
16 T	1,3-Butadiene	0.532	0.548	-3.0	93	-0.02
17	tert-Butyl alcohol	0.981	0.995	-1.4	92	-0.03
18 T	1,1-Dichloroethene	0.479	0.484	-1.0	95	-0.03
19 T	Isopropyl Alcohol	0.658	0.663	-0.8	93	-0.03
20 T	Methylene Chloride	0.447	0.403	9.8	92	-0.03
21 T	Allyl Chloride	0.660	0.684	-3.6	95	-0.03
22 T	trans-1,2-Dichloroethene	0.503	0.498	1.0	94	-0.04
23 T	Vinyl Acetate	1.106	1.231	-11.3	100	-0.04
24 T	1,1-Dichloroethane	1.006	1.017	-1.1	96	-0.04
25 T	Ethyl Acetate	2.033	2.082	-2.4	95	-0.04
26 T	Hexane	0.912	0.913	-0.1	96	-0.04
27 T	Carbon Disulfide	1.118	1.175	-5.1	92	-0.03
28 T	Methyl tert-Butyl Ether	0.689	0.726	-5.4	97	-0.04
29 T	Chloroform	1.538	1.482	3.6	92	-0.04
30 T	Cyclohexane	0.743	0.791	-6.5	98	-0.05
31 T	cis-1,2-Dichloroethene	0.864	0.839	2.9	88	-0.04
32 T	1,1,1-Trichloroethane	1.422	1.479	-4.0	92	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.04
34 T	2-Butanone	0.423	0.417	1.4	97	-0.04
35 T	Carbon Tetrachloride	0.569	0.586	-3.0	93	-0.04
36 T	Benzene	0.734	0.740	-0.8	98	-0.04
37 T	1,2-Dichloroethane	0.441	0.424	3.9	93	-0.04
38 T	Trichloroethene	0.265	0.287	-8.3	98	-0.05
39 T	1,2-Dichloropropane	0.290	0.286	1.4	96	-0.04
40 T	1,4-Dioxane	0.101	0.106	-5.0	102	-0.04
41 T	Tetrahydrofuran	0.282	0.295	-4.6	97	-0.04
42 T	Bromodichloromethane	0.630	0.620	1.6	92	-0.05
43	Methyl Methacrylate	0.280	0.304	-8.6	96	-0.04
44 T	2,2,4-Trimethylpentane	1.216	1.207	0.7	95	-0.05
45 T	t-1,3-Dichloropropene	0.165	0.200	-21.2	100	-0.05
46 T	cis-1,3-Dichloropropene	0.213	0.244	-14.6	98	-0.05
47 T	1,1,2-Trichloroethane	0.313	0.309	1.3	95	-0.05
48 T	Dibromochloromethane	0.497	0.539	-8.5	96	-0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.435	-10.4	97	-0.06
50 T	4-Methyl-2-Pentanone	0.745	0.764	-2.6	94	-0.05
51 T	2-Hexanone	0.516	0.560	-8.5	94	-0.05
52 T	Tetrachloroethene	0.234	0.256	-9.4	99	-0.05
53 T	Toluene	0.773	0.841	-8.8	96	-0.05
54 T	1,2-Dibromoethane	0.390	0.437	-12.1	97	-0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.05
56	1,1,1,2-Tetrachloroethane	0.411	0.390	5.1	97	-0.05
57 T	Chlorobenzene	0.685	0.657	4.1	99	-0.05
58 T	Ethyl Benzene	1.095	1.130	-3.2	97	-0.05
59 T	m/p-Xylene	0.989	0.953	3.6	94	-0.05
60 T	o-Xylene	0.937	0.912	2.7	94	-0.05
61 T	Styrene	0.415	0.486	-17.1	101	-0.06
62	Isopropylbenzene	1.395	1.353	3.0	97	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.736	0.687	6.7	95	-0.05
64	n-propylbenzene	0.350	0.369	-5.4	101	-0.05
65	tert-Butylbenzene	1.218	1.208	0.8	97	-0.05
66 T	Benzyl Chloride	0.080	0.084	-5.0	93	-0.06
67	sec-Butylbenzene	1.759	1.706	3.0	97	-0.05
68 S	1-Bromo-4-Fluorobenzene	0.804	0.752	6.5	91	-0.05
69	p-Isopropyltoluene	1.372	1.400	-2.0	98	-0.05
70	n-Butylbenzene	1.490	1.487	0.2	95	-0.05
71	2-Chlorotoluene	1.070	1.050	1.9	96	-0.06
72 T	4-Ethyltoluene	1.046	1.083	-3.5	99	-0.06
73 T	1,3,5-Trimethylbenzene	0.923	0.934	-1.2	97	-0.06
74 T	1,2,4-Trimethylbenzene	1.056	1.031	2.4	95	-0.05
75 T	1,3-Dichlorobenzene	0.617	0.612	0.8	98	-0.06
76 T	1,4-Dichlorobenzene	0.600	0.596	0.7	99	-0.05
77 T	1,2-Dichlorobenzene	0.599	0.592	1.2	98	-0.05
78 T	Hexachloro-1,3-Butadiene	0.398	0.368	7.5	98	-0.06
79 T	Naphthalene	0.678	0.890	-31.3#	99	-0.06
80 T	Naphthalene,2-methyl-	0.132	0.194	-47.0#	115	-0.04
81 T	1,2,4-Trichlorobenzene	0.380	0.438	-15.3	101	-0.06

(#) = Out of Range

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