

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041164.D
 Acq On : 25 Apr 2024 9:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 26 03:09:49 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 : Fri Apr 26 03:09:28 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	80	-0.04
2 T	Dichlorodifluoromethane	1.711	1.536	10.2	79	0.00
3	Chlorodifluoromethane	1.540	1.573	-2.1	92	0.00
4	Chloromethane	0.583	0.608	-4.3	94	0.00
5 T	Vinyl Chloride	0.563	0.614	-9.1	92	0.00
6 T	Bromomethane	0.212	0.227	-7.1	92	-0.01
7	Chloroethane	0.207	0.218	-5.3	90	-0.02
8 T	Dichlorotetrafluoroethane	1.459	1.550	-6.2	92	0.00
9 T	Propene	0.490	0.510	-4.1	92	0.00
10 T	Heptane	1.163	1.320	-13.5	92	-0.05
11 T	Trichlorofluoromethane	1.551	1.609	-3.7	91	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.123	1.178	-4.9	92	-0.03
13	Ethanol	0.117	0.109	6.8	89	-0.02
14 T	Bromoethene	0.442	0.479	-8.4	91	-0.02
15 T	Acetone	1.083	1.107	-2.2	94	-0.02
16 T	1,3-Butadiene	0.532	0.596	-12.0	92	0.00
17	tert-Butyl alcohol	0.981	0.981	0.0	83	-0.03
18 T	1,1-Dichloroethene	0.479	0.520	-8.6	93	-0.03
19 T	Isopropyl Alcohol	0.658	0.715	-8.7	91	-0.02
20 T	Methylene Chloride	0.447	0.430	3.8	90	-0.02
21 T	Allyl Chloride	0.660	0.704	-6.7	90	-0.03
22 T	trans-1,2-Dichloroethene	0.503	0.541	-7.6	93	-0.03
23 T	Vinyl Acetate	1.106	1.239	-12.0	92	-0.04
24 T	1,1-Dichloroethane	1.006	1.086	-8.0	93	-0.03
25 T	Ethyl Acetate	2.033	2.180	-7.2	91	-0.04
26 T	Hexane	0.912	0.928	-1.8	89	-0.04
27 T	Carbon Disulfide	1.118	1.264	-13.1	90	-0.03
28 T	Methyl tert-Butyl Ether	0.689	0.695	-0.9	85	-0.03
29 T	Chloroform	1.538	1.630	-6.0	92	-0.04
30 T	Cyclohexane	0.743	0.784	-5.5	88	-0.05
31 T	cis-1,2-Dichloroethene	0.864	0.932	-7.9	90	-0.04
32 T	1,1,1-Trichloroethane	1.422	1.574	-10.7	89	-0.05
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	-0.05
34 T	2-Butanone	0.423	0.468	-10.6	93	-0.04
35 T	Carbon Tetrachloride	0.569	0.669	-17.6	90	-0.05
36 T	Benzene	0.734	0.798	-8.7	90	-0.05
37 T	1,2-Dichloroethane	0.441	0.487	-10.4	91	-0.05
38 T	Trichloroethene	0.265	0.319	-20.4	92	-0.05
39 T	1,2-Dichloropropane	0.290	0.318	-9.7	91	-0.05
40 T	1,4-Dioxane	0.101	0.116	-14.9	95	-0.05
41 T	Tetrahydrofuran	0.282	0.323	-14.5	90	-0.04
42 T	Bromodichloromethane	0.630	0.728	-15.6	92	-0.05
43	Methyl Methacrylate	0.280	0.334	-19.3	89	-0.05
44 T	2,2,4-Trimethylpentane	1.216	1.363	-12.1	91	-0.05
45 T	t-1,3-Dichloropropene	0.165	0.219	-32.7#	93	-0.06
46 T	cis-1,3-Dichloropropene	0.213	0.279	-31.0#	96	-0.06
47 T	1,1,2-Trichloroethane	0.313	0.351	-12.1	92	-0.05
48 T	Dibromochloromethane	0.497	0.604	-21.5	92	-0.06

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.498	-26.4	94	-0.07
50 T	4-Methyl-2-Pentanone	0.745	0.886	-18.9	93	-0.05
51 T	2-Hexanone	0.516	0.639	-23.8	92	-0.06
52 T	Tetrachloroethene	0.234	0.278	-18.8	91	-0.06
53 T	Toluene	0.773	0.930	-20.3	91	-0.06
54 T	1,2-Dibromoethane	0.390	0.481	-23.3	91	-0.06
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	-0.06
56	1,1,1,2-Tetrachloroethane	0.411	0.446	-8.5	94	-0.06
57 T	Chlorobenzene	0.685	0.730	-6.6	93	-0.06
58 T	Ethyl Benzene	1.095	1.279	-16.8	93	-0.06
59 T	m/p-Xylene	0.989	1.116	-12.8	93	-0.06
60 T	o-Xylene	0.937	1.068	-14.0	94	-0.06
61 T	Styrene	0.415	0.536	-29.2	94	-0.06
62	Isopropylbenzene	1.395	1.544	-10.7	94	-0.06
63 T	1,1,2,2-Tetrachloroethane	0.736	0.833	-13.2	97	-0.06
64	n-propylbenzene	0.350	0.408	-16.6	95	-0.07
65	tert-Butylbenzene	1.218	1.389	-14.0	94	-0.07
66 T	Benzyl Chloride	0.080	0.097	-21.3	91	-0.07
67	sec-Butylbenzene	1.759	1.985	-12.8	95	-0.06
68 S	1-Bromo-4-Fluorobenzene	0.804	0.826	-2.7	84	-0.07
69	p-Isopropyltoluene	1.372	1.602	-16.8	95	-0.06
70	n-Butylbenzene	1.490	1.749	-17.4	95	-0.06
71	2-Chlorotoluene	1.070	1.220	-14.0	95	-0.07
72 T	4-Ethyltoluene	1.046	1.246	-19.1	96	-0.07
73 T	1,3,5-Trimethylbenzene	0.923	1.076	-16.6	95	-0.06
74 T	1,2,4-Trimethylbenzene	1.056	1.200	-13.6	94	-0.06
75 T	1,3-Dichlorobenzene	0.617	0.696	-12.8	94	-0.07
76 T	1,4-Dichlorobenzene	0.600	0.688	-14.7	96	-0.07
77 T	1,2-Dichlorobenzene	0.599	0.685	-14.4	96	-0.06
78 T	Hexachloro-1,3-Butadiene	0.398	0.423	-6.3	96	-0.07
79 T	Naphthalene	0.678	1.001	-47.6#	94	-0.07
80 T	Naphthalene,2-methyl-	0.132	0.177	-34.1#	89	-0.05
81 T	1,2,4-Trichlorobenzene	0.380	0.490	-28.9	96	-0.07

(#) = Out of Range

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