

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041232.D
 Acq On : 7 May 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 07 17:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 07 05:19:44 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	79	0.01
2 T	Dichlorodifluoromethane	1.353	1.572	-16.2	97	0.02
3	Chlorodifluoromethane	1.519	1.540	-1.4	86	0.02
4	Chloromethane	0.596	0.589	1.2	84	0.02
5 T	Vinyl Chloride	0.599	0.591	1.3	82	0.01
6 T	Bromomethane	0.218	0.212	2.8	81	0.01
7	Chloroethane	0.211	0.214	-1.4	85	0.01
8 T	Dichlorotetrafluoroethane	1.400	1.452	-3.7	87	0.02
9 T	Propene	0.594	0.568	4.4	82	0.02
10 T	Heptane	1.440	1.385	3.8	81	0.00
11 T	Trichlorofluoromethane	1.375	1.486	-8.1	89	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.017	1.074	-5.6	87	0.01
13	Ethanol	0.133	0.125	6.0	73	0.02
14 T	Bromoethene	0.420	0.429	-2.1	84	0.01
15 T	Acetone	1.180	1.092	7.5	85	0.02
16 T	1,3-Butadiene	0.596	0.614	-3.0	83	0.01
17	tert-Butyl alcohol	1.273	1.102	13.4	66	0.01
18 T	1,1-Dichloroethene	0.453	0.474	-4.6	85	0.02
19 T	Isopropyl Alcohol	0.774	0.785	-1.4	77	0.02
20 T	Methylene Chloride	0.410	0.384	6.3	82	0.02
21 T	Allyl Chloride	0.770	0.761	1.2	83	0.01
22 T	trans-1,2-Dichloroethene	0.471	0.492	-4.5	85	0.02
23 T	Vinyl Acetate	1.300	1.279	1.6	80	0.01
24 T	1,1-Dichloroethane	1.011	1.047	-3.6	88	0.02
25 T	Ethyl Acetate	2.356	2.285	3.0	82	0.01
26 T	Hexane	1.051	1.001	4.8	82	0.01
27 T	Carbon Disulfide	1.244	1.213	2.5	79	0.01
28 T	Methyl tert-Butyl Ether	0.837	0.763	8.8	75	0.02
29 T	Chloroform	1.450	1.551	-7.0	89	0.01
30 T	Cyclohexane	0.832	0.844	-1.4	83	0.01
31 T	cis-1,2-Dichloroethene	0.984	1.003	-1.9	84	0.02
32 T	1,1,1-Trichloroethane	1.447	1.510	-4.4	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.01
34 T	2-Butanone	0.509	0.446	12.4	83	0.02
35 T	Carbon Tetrachloride	0.561	0.583	-3.9	87	0.01
36 T	Benzene	0.839	0.806	3.9	84	0.00
37 T	1,2-Dichloroethane	0.438	0.465	-6.2	91	0.00
38 T	Trichloroethene	0.313	0.310	1.0	91	0.00
39 T	1,2-Dichloropropane	0.323	0.315	2.5	84	0.00
40 T	1,4-Dioxane	0.116	0.122	-5.2	87	0.00
41 T	Tetrahydrofuran	0.368	0.338	8.2	79	0.00
42 T	Bromodichloromethane	0.628	0.659	-4.9	88	0.00
43	Methyl Methacrylate	0.339	0.327	3.5	81	0.01
44 T	2,2,4-Trimethylpentane	1.447	1.362	5.9	83	0.01
45 T	t-1,3-Dichloropropene	0.246	0.231	6.1	72	0.01
46 T	cis-1,3-Dichloropropene	0.301	0.281	6.6	78	0.00
47 T	1,1,2-Trichloroethane	0.324	0.328	-1.2	88	0.01
48 T	Dibromochloromethane	0.516	0.547	-6.0	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.462	-5.2	85	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.842	7.8	81	0.00
51 T	2-Hexanone	0.678	0.613	9.6	81	0.00
52 T	Tetrachloroethene	0.295	0.289	2.0	86	0.00
53 T	Toluene	0.973	0.942	3.2	85	0.00
54 T	1,2-Dibromoethane	0.438	0.447	-2.1	87	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.405	0.380	6.2	87	0.00
57 T	Chlorobenzene	0.732	0.663	9.4	89	0.00
58 T	Ethyl Benzene	1.371	1.201	12.4	87	0.00
59 T	m/p-Xylene	1.152	1.004	12.8	87	0.00
60 T	o-Xylene	1.080	0.951	11.9	88	0.00
61 T	Styrene	0.571	0.516	9.6	86	0.00
62	Isopropylbenzene	1.616	1.422	12.0	88	0.00
63 T	1,1,2,2-Tetrachloroethane	0.736	0.670	9.0	88	0.00
64	n-propylbenzene	0.403	0.376	6.7	90	0.00
65	tert-Butylbenzene	1.447	1.254	13.3	90	0.00
66 T	Benzyl Chloride	0.164	0.070	57.3#	36	0.00
67	sec-Butylbenzene	2.037	1.782	12.5	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.755	0.704	6.8	85	0.00
69	p-Isopropyltoluene	1.679	1.480	11.9	90	0.00
70	n-Butylbenzene	1.753	1.560	11.0	90	0.00
71	2-Chlorotoluene	1.230	1.094	11.1	88	0.00
72 T	4-Ethyltoluene	1.224	1.153	5.8	90	0.00
73 T	1,3,5-Trimethylbenzene	1.107	1.002	9.5	89	0.00
74 T	1,2,4-Trimethylbenzene	1.209	1.085	10.3	90	0.00
75 T	1,3-Dichlorobenzene	0.693	0.645	6.9	90	0.00
76 T	1,4-Dichlorobenzene	0.667	0.633	5.1	89	0.00
77 T	1,2-Dichlorobenzene	0.693	0.624	10.0	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.456	26.0	83	0.00
79 T	Naphthalene	1.151	1.080	6.2	89	0.00
80 T	Naphthalene,2-methyl-	0.463	0.332	28.3	80	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.520	14.5	85	0.00

(#) = Out of Range

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