

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041208.D
 Acq On : 3 May 2024 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 06 01:23:43 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 : Fri May 03 03:34:47 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	85	0.00
2 T	Dichlorodifluoromethane	1.353	1.412	-4.4	94	0.00
3	Chlorodifluoromethane	1.519	1.466	3.5	88	0.00
4	Chloromethane	0.596	0.583	2.2	89	0.00
5 T	Vinyl Chloride	0.599	0.583	2.7	87	0.00
6 T	Bromomethane	0.218	0.197	9.6	81	0.00
7	Chloroethane	0.211	0.200	5.2	86	0.00
8 T	Dichlorotetrafluoroethane	1.400	1.377	1.6	89	0.00
9 T	Propene	0.594	0.552	7.1	86	0.00
10 T	Heptane	1.440	1.335	7.3	85	-0.02
11 T	Trichlorofluoromethane	1.375	1.410	-2.5	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.017	1.027	-1.0	90	0.00
13	Ethanol	0.133	0.124	6.8	78	0.00
14 T	Bromoethene	0.420	0.407	3.1	86	0.00
15 T	Acetone	1.180	1.078	8.6	90	0.00
16 T	1,3-Butadiene	0.596	0.590	1.0	86	0.00
17	tert-Butyl alcohol	1.273	1.196	6.0	77	0.00
18 T	1,1-Dichloroethene	0.453	0.461	-1.8	90	0.00
19 T	Isopropyl Alcohol	0.774	0.792	-2.3	83	0.00
20 T	Methylene Chloride	0.410	0.390	4.9	89	0.00
21 T	Allyl Chloride	0.770	0.740	3.9	87	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.479	-1.7	89	0.00
23 T	Vinyl Acetate	1.300	1.256	3.4	85	0.00
24 T	1,1-Dichloroethane	1.011	1.017	-0.6	92	0.00
25 T	Ethyl Acetate	2.356	2.181	7.4	84	0.00
26 T	Hexane	1.051	0.960	8.7	85	0.00
27 T	Carbon Disulfide	1.244	1.211	2.7	85	0.00
28 T	Methyl tert-Butyl Ether	0.837	0.792	5.4	84	0.00
29 T	Chloroform	1.450	1.436	1.0	89	0.00
30 T	Cyclohexane	0.832	0.811	2.5	86	0.00
31 T	cis-1,2-Dichloroethene	0.984	0.959	2.5	86	0.00
32 T	1,1,1-Trichloroethane	1.447	1.430	1.2	88	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	-0.01
34 T	2-Butanone	0.509	0.445	12.6	88	0.00
35 T	Carbon Tetrachloride	0.561	0.550	2.0	88	0.00
36 T	Benzene	0.839	0.782	6.8	86	0.00
37 T	1,2-Dichloroethane	0.438	0.443	-1.1	92	-0.01
38 T	Trichloroethene	0.313	0.293	6.4	91	-0.01
39 T	1,2-Dichloropropane	0.323	0.306	5.3	87	-0.01
40 T	1,4-Dioxane	0.116	0.121	-4.3	92	-0.01
41 T	Tetrahydrofuran	0.368	0.343	6.8	85	-0.01
42 T	Bromodichloromethane	0.628	0.619	1.4	88	0.00
43	Methyl Methacrylate	0.339	0.318	6.2	84	-0.01
44 T	2,2,4-Trimethylpentane	1.447	1.330	8.1	86	0.00
45 T	t-1,3-Dichloropropene	0.246	0.226	8.1	75	-0.01
46 T	cis-1,3-Dichloropropene	0.301	0.278	7.6	81	-0.01
47 T	1,1,2-Trichloroethane	0.324	0.312	3.7	89	-0.02
48 T	Dibromochloromethane	0.516	0.516	0.0	88	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.437	0.5	85	-0.01
50 T	4-Methyl-2-Pentanone	0.913	0.821	10.1	84	-0.01
51 T	2-Hexanone	0.678	0.600	11.5	84	-0.01
52 T	Tetrachloroethene	0.295	0.275	6.8	87	-0.02
53 T	Toluene	0.973	0.910	6.5	87	-0.02
54 T	1,2-Dibromoethane	0.438	0.429	2.1	88	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	-0.02
56	1,1,1,2-Tetrachloroethane	0.405	0.392	3.2	87	-0.02
57 T	Chlorobenzene	0.732	0.682	6.8	88	-0.02
58 T	Ethyl Benzene	1.371	1.247	9.0	87	-0.02
59 T	m/p-Xylene	1.152	1.052	8.7	88	-0.02
60 T	o-Xylene	1.080	0.996	7.8	89	-0.02
61 T	Styrene	0.571	0.537	6.0	86	-0.02
62	Isopropylbenzene	1.616	1.484	8.2	89	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.736	0.697	5.3	89	-0.01
64	n-propylbenzene	0.403	0.391	3.0	90	-0.02
65	tert-Butylbenzene	1.447	1.300	10.2	90	-0.02
66 T	Benzyl Chloride	0.164	0.089	45.7#	44	0.00
67	sec-Butylbenzene	2.037	1.838	9.8	89	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.755	0.759	-0.5	88	-0.02
69	p-Isopropyltoluene	1.679	1.533	8.7	90	-0.02
70	n-Butylbenzene	1.753	1.615	7.9	90	-0.01
71	2-Chlorotoluene	1.230	1.142	7.2	89	-0.02
72 T	4-Ethyltoluene	1.224	1.184	3.3	89	-0.01
73 T	1,3,5-Trimethylbenzene	1.107	1.026	7.3	88	-0.02
74 T	1,2,4-Trimethylbenzene	1.209	1.120	7.4	89	-0.02
75 T	1,3-Dichlorobenzene	0.693	0.662	4.5	89	-0.02
76 T	1,4-Dichlorobenzene	0.667	0.655	1.8	89	-0.01
77 T	1,2-Dichlorobenzene	0.693	0.649	6.3	91	-0.02
78 T	Hexachloro-1,3-Butadiene	0.616	0.484	21.4	85	-0.02
79 T	Naphthalene	1.151	1.122	2.5	89	-0.02
80 T	Naphthalene,2-methyl-	0.463	0.355	23.3	82	-0.01
81 T	1,2,4-Trichlorobenzene	0.608	0.558	8.2	88	-0.01

(#) = Out of Range

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