

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041247.D
 Acq On : 8 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 09 02:52:05 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 : Thu May 09 02:43:03 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	74	0.00
2 T	Dichlorodifluoromethane	1.353	1.705	-26.0	98	0.00
3	Chlorodifluoromethane	1.519	1.622	-6.8	85	0.00
4	Chloromethane	0.596	0.599	-0.5	79	0.00
5 T	Vinyl Chloride	0.599	0.620	-3.5	80	0.00
6 T	Bromomethane	0.218	0.213	2.3	76	0.00
7	Chloroethane	0.211	0.213	-0.9	79	0.00
8 T	Dichlorotetrafluoroethane	1.400	1.482	-5.9	82	0.00
9 T	Propene	0.594	0.582	2.0	78	0.00
10 T	Heptane	1.440	1.421	1.3	78	0.00
11 T	Trichlorofluoromethane	1.375	1.521	-10.6	85	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.017	1.077	-5.9	82	0.01
13	Ethanol	0.133	0.125	6.0	68	0.01
14 T	Bromoethene	0.420	0.448	-6.7	82	0.00
15 T	Acetone	1.180	1.118	5.3	81	0.00
16 T	1,3-Butadiene	0.596	0.622	-4.4	79	0.00
17	tert-Butyl alcohol	1.273	1.116	12.3	62	0.00
18 T	1,1-Dichloroethene	0.453	0.455	-0.4	76	0.00
19 T	Isopropyl Alcohol	0.774	0.740	4.4	67	0.00
20 T	Methylene Chloride	0.410	0.382	6.8	76	0.00
21 T	Allyl Chloride	0.770	0.761	1.2	77	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.487	-3.4	79	0.00
23 T	Vinyl Acetate	1.300	1.275	1.9	74	0.00
24 T	1,1-Dichloroethane	1.011	1.045	-3.4	82	0.00
25 T	Ethyl Acetate	2.356	2.342	0.6	78	0.00
26 T	Hexane	1.051	1.033	1.7	79	0.00
27 T	Carbon Disulfide	1.244	1.245	-0.1	76	0.00
28 T	Methyl tert-Butyl Ether	0.837	0.747	10.8	68	0.00
29 T	Chloroform	1.450	1.597	-10.1	86	0.00
30 T	Cyclohexane	0.832	0.861	-3.5	79	0.00
31 T	cis-1,2-Dichloroethene	0.984	1.047	-6.4	81	0.00
32 T	1,1,1-Trichloroethane	1.447	1.589	-9.8	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
34 T	2-Butanone	0.509	0.535	-5.1	94	0.00
35 T	Carbon Tetrachloride	0.561	0.618	-10.2	87	0.00
36 T	Benzene	0.839	0.816	2.7	80	0.00
37 T	1,2-Dichloroethane	0.438	0.483	-10.3	88	0.00
38 T	Trichloroethene	0.313	0.322	-2.9	89	0.01
39 T	1,2-Dichloropropane	0.323	0.315	2.5	79	0.00
40 T	1,4-Dioxane	0.116	0.111	4.3	74	0.01
41 T	Tetrahydrofuran	0.368	0.345	6.3	76	0.00
42 T	Bromodichloromethane	0.628	0.678	-8.0	85	0.01
43	Methyl Methacrylate	0.339	0.335	1.2	78	0.00
44 T	2,2,4-Trimethylpentane	1.447	1.380	4.6	79	0.00
45 T	t-1,3-Dichloropropene	0.246	0.236	4.1	69	0.00
46 T	cis-1,3-Dichloropropene	0.301	0.288	4.3	75	0.00
47 T	1,1,2-Trichloroethane	0.324	0.342	-5.6	86	0.00
48 T	Dibromochloromethane	0.516	0.580	-12.4	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.482	-9.8	83	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.861	5.7	78	0.00
51 T	2-Hexanone	0.678	0.629	7.2	78	0.00
52 T	Tetrachloroethene	0.295	0.289	2.0	81	0.01
53 T	Toluene	0.973	0.966	0.7	82	0.00
54 T	1,2-Dibromoethane	0.438	0.471	-7.5	86	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
56	1,1,1,2-Tetrachloroethane	0.405	0.433	-6.9	87	0.00
57 T	Chlorobenzene	0.732	0.750	-2.5	87	0.00
58 T	Ethyl Benzene	1.371	1.335	2.6	84	0.00
59 T	m/p-Xylene	1.152	1.138	1.2	86	0.00
60 T	o-Xylene	1.080	1.068	1.1	86	0.00
61 T	Styrene	0.571	0.580	-1.6	83	0.00
62	Isopropylbenzene	1.616	1.604	0.7	87	0.00
63 T	1,1,2,2-Tetrachloroethane	0.736	0.754	-2.4	86	0.01
64	n-propylbenzene	0.403	0.425	-5.5	88	0.01
65	tert-Butylbenzene	1.447	1.413	2.3	88	0.01
66 T	Benzyl Chloride	0.164	0.090	45.1#	40	0.00
67	sec-Butylbenzene	2.037	2.014	1.1	88	0.01
68 S	1-Bromo-4-Fluorobenzene	0.755	0.760	-0.7	79	0.00
69	p-Isopropyltoluene	1.679	1.675	0.2	89	0.00
70	n-Butylbenzene	1.753	1.738	0.9	87	0.00
71	2-Chlorotoluene	1.230	1.232	-0.2	86	0.00
72 T	4-Ethyltoluene	1.224	1.288	-5.2	87	0.01
73 T	1,3,5-Trimethylbenzene	1.107	1.125	-1.6	86	0.00
74 T	1,2,4-Trimethylbenzene	1.209	1.215	-0.5	87	0.00
75 T	1,3-Dichlorobenzene	0.693	0.733	-5.8	89	0.01
76 T	1,4-Dichlorobenzene	0.667	0.715	-7.2	87	0.00
77 T	1,2-Dichlorobenzene	0.693	0.708	-2.2	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.505	18.0	80	0.00
79 T	Naphthalene	1.151	1.213	-5.4	87	0.00
80 T	Naphthalene,2-methyl-	0.463	0.370	20.1	77	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.580	4.6	82	0.00

(#) = Out of Range

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