

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041259.D
 Acq On : 21 May 2024 10:47
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 22 05:41:33 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 : Wed May 22 05:39:49 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	81	0.00
2 T	Dichlorodifluoromethane	1.353	1.305	3.5	82	0.00
3	Chlorodifluoromethane	1.519	1.680	-10.6	96	0.00
4	Chloromethane	0.596	0.655	-9.9	95	0.00
5 T	Vinyl Chloride	0.599	0.649	-8.3	92	0.00
6 T	Bromomethane	0.218	0.238	-9.2	93	0.00
7	Chloroethane	0.211	0.227	-7.6	92	0.00
8 T	Dichlorotetrafluoroethane	1.400	1.562	-11.6	95	0.00
9 T	Propene	0.594	0.624	-5.1	92	0.00
10 T	Heptane	1.440	1.492	-3.6	90	-0.01
11 T	Trichlorofluoromethane	1.375	1.589	-15.6	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.017	1.172	-15.2	98	0.00
13	Ethanol	0.133	0.159	-19.5	95	0.00
14 T	Bromoethene	0.420	0.467	-11.2	94	0.00
15 T	Acetone	1.180	1.231	-4.3	98	0.00
16 T	1,3-Butadiene	0.596	0.663	-11.2	92	0.00
17	tert-Butyl alcohol	1.273	1.252	1.6	77	0.00
18 T	1,1-Dichloroethene	0.453	0.506	-11.7	93	0.00
19 T	Isopropyl Alcohol	0.774	0.890	-15.0	89	0.00
20 T	Methylene Chloride	0.410	0.467	-13.9	101	0.00
21 T	Allyl Chloride	0.770	0.827	-7.4	92	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.543	-15.3	96	0.00
23 T	Vinyl Acetate	1.300	1.441	-10.8	92	0.00
24 T	1,1-Dichloroethane	1.011	1.149	-13.6	99	0.00
25 T	Ethyl Acetate	2.356	2.507	-6.4	92	0.00
26 T	Hexane	1.051	1.100	-4.7	92	0.00
27 T	Carbon Disulfide	1.244	1.395	-12.1	93	0.00
28 T	Methyl tert-Butyl Ether	0.837	0.868	-3.7	87	0.00
29 T	Chloroform	1.450	1.667	-15.0	98	0.00
30 T	Cyclohexane	0.832	0.921	-10.7	93	0.00
31 T	cis-1,2-Dichloroethene	0.984	1.101	-11.9	94	0.00
32 T	1,1,1-Trichloroethane	1.447	1.686	-16.5	98	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.509	0.513	-0.8	97	0.00
35 T	Carbon Tetrachloride	0.561	0.659	-17.5	100	-0.01
36 T	Benzene	0.839	0.885	-5.5	94	0.00
37 T	1,2-Dichloroethane	0.438	0.516	-17.8	102	0.00
38 T	Trichloroethene	0.313	0.330	-5.4	98	-0.02
39 T	1,2-Dichloropropane	0.323	0.342	-5.9	93	-0.01
40 T	1,4-Dioxane	0.116	0.135	-16.4	98	0.00
41 T	Tetrahydrofuran	0.368	0.366	0.5	87	-0.01
42 T	Bromodichloromethane	0.628	0.731	-16.4	99	0.00
43	Methyl Methacrylate	0.339	0.358	-5.6	90	0.00
44 T	2,2,4-Trimethylpentane	1.447	1.480	-2.3	92	-0.01
45 T	t-1,3-Dichloropropene	0.246	0.292	-18.7	93	-0.01
46 T	cis-1,3-Dichloropropene	0.301	0.348	-15.6	97	-0.01
47 T	1,1,2-Trichloroethane	0.324	0.360	-11.1	98	-0.02
48 T	Dibromochloromethane	0.516	0.615	-19.2	100	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.518	-18.0	97	-0.02
50 T	4-Methyl-2-Pentanone	0.913	0.936	-2.5	92	-0.01
51 T	2-Hexanone	0.678	0.683	-0.7	91	-0.02
52 T	Tetrachloroethene	0.295	0.313	-6.1	95	-0.01
53 T	Toluene	0.973	1.032	-6.1	94	-0.01
54 T	1,2-Dibromoethane	0.438	0.514	-17.4	101	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.02
56	1,1,1,2-Tetrachloroethane	0.405	0.457	-12.8	99	-0.02
57 T	Chlorobenzene	0.732	0.789	-7.8	99	-0.02
58 T	Ethyl Benzene	1.371	1.414	-3.1	96	-0.02
59 T	m/p-Xylene	1.152	1.195	-3.7	98	-0.02
60 T	o-Xylene	1.080	1.135	-5.1	99	-0.01
61 T	Styrene	0.571	0.614	-7.5	96	-0.02
62	Isopropylbenzene	1.616	1.679	-3.9	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.736	0.788	-7.1	98	-0.02
64	n-propylbenzene	0.403	0.442	-9.7	100	-0.02
65	tert-Butylbenzene	1.447	1.465	-1.2	99	-0.01
66 T	Benzyl Chloride	0.164	0.137	16.5	66	-0.03
67	sec-Butylbenzene	2.037	2.099	-3.0	99	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.755	0.779	-3.2	88	-0.01
69	p-Isopropyltoluene	1.679	1.739	-3.6	100	-0.02
70	n-Butylbenzene	1.753	1.826	-4.2	99	-0.02
71	2-Chlorotoluene	1.230	1.300	-5.7	98	-0.02
72 T	4-Ethyltoluene	1.224	1.330	-8.7	98	-0.02
73 T	1,3,5-Trimethylbenzene	1.107	1.177	-6.3	98	-0.02
74 T	1,2,4-Trimethylbenzene	1.209	1.279	-5.8	99	-0.02
75 T	1,3-Dichlorobenzene	0.693	0.762	-10.0	100	-0.02
76 T	1,4-Dichlorobenzene	0.667	0.750	-12.4	99	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.748	-7.9	102	-0.02
78 T	Hexachloro-1,3-Butadiene	0.616	0.524	14.9	90	-0.02
79 T	Naphthalene	1.151	1.297	-12.7	101	-0.02
80 T	Naphthalene,2-methyl-	0.463	0.437	5.6	99	-0.02
81 T	1,2,4-Trichlorobenzene	0.608	0.617	-1.5	95	-0.02

(#) = Out of Range

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