

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041321.D
 Acq On : 5 Jun 2024 9:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 06 04:24:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 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	94	0.00
2 T	Dichlorodifluoromethane	1.597	1.460	8.6	96	0.00
3	Chlorodifluoromethane	1.580	1.453	8.0	96	0.00
4	Chloromethane	0.595	0.555	6.7	97	0.00
5 T	Vinyl Chloride	0.599	0.585	2.3	99	0.00
6 T	Bromomethane	0.213	0.199	6.6	98	0.00
7	Chloroethane	0.206	0.200	2.9	98	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.366	7.0	96	0.00
9 T	Propene	0.563	0.521	7.5	97	0.00
10 T	Heptane	1.334	1.284	3.7	96	0.00
11 T	Trichlorofluoromethane	1.468	1.385	5.7	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.037	0.986	4.9	96	0.00
13	Ethanol	0.146	0.139	4.8	106	0.00
14 T	Bromoethene	0.420	0.407	3.1	95	0.00
15 T	Acetone	1.142	1.056	7.5	98	0.00
16 T	1,3-Butadiene	0.574	0.576	-0.3	96	0.00
17	tert-Butyl alcohol	1.051	1.040	1.0	94	0.00
18 T	1,1-Dichloroethene	0.442	0.443	-0.2	97	0.00
19 T	Isopropyl Alcohol	0.717	0.763	-6.4	96	0.00
20 T	Methylene Chloride	0.415	0.372	10.4	101	0.00
21 T	Allyl Chloride	0.723	0.714	1.2	98	0.00
22 T	trans-1,2-Dichloroethene	0.461	0.445	3.5	95	0.00
23 T	Vinyl Acetate	1.168	1.232	-5.5	97	0.00
24 T	1,1-Dichloroethane	1.027	0.980	4.6	96	0.00
25 T	Ethyl Acetate	2.259	2.125	5.9	96	0.00
26 T	Hexane	1.016	0.928	8.7	96	0.00
27 T	Carbon Disulfide	1.125	1.161	-3.2	97	0.00
28 T	Methyl tert-Butyl Ether	0.753	0.717	4.8	96	0.00
29 T	Chloroform	1.558	1.442	7.4	95	0.00
30 T	Cyclohexane	0.823	0.777	5.6	96	0.00
31 T	cis-1,2-Dichloroethene	0.960	0.933	2.8	96	0.00
32 T	1,1,1-Trichloroethane	1.476	1.431	3.0	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.479	0.454	5.2	91	0.00
35 T	Carbon Tetrachloride	0.568	0.570	-0.4	95	0.00
36 T	Benzene	0.775	0.760	1.9	96	0.00
37 T	1,2-Dichloroethane	0.452	0.438	3.1	94	0.00
38 T	Trichloroethene	0.314	0.296	5.7	98	0.00
39 T	1,2-Dichloropropane	0.309	0.296	4.2	97	0.00
40 T	1,4-Dioxane	0.113	0.118	-4.4	103	0.00
41 T	Tetrahydrofuran	0.312	0.325	-4.2	100	0.00
42 T	Bromodichloromethane	0.649	0.630	2.9	93	0.00
43	Methyl Methacrylate	0.295	0.311	-5.4	96	0.00
44 T	2,2,4-Trimethylpentane	1.333	1.290	3.2	97	0.00
45 T	t-1,3-Dichloropropene	0.199	0.226	-13.6	94	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.275	-7.0	97	0.00
47 T	1,1,2-Trichloroethane	0.323	0.311	3.7	94	0.00
48 T	Dibromochloromethane	0.532	0.540	-1.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.428	0.446	-4.2	96	0.00
50 T	4-Methyl-2-Pentanone	0.793	0.811	-2.3	96	0.00
51 T	2-Hexanone	0.564	0.596	-5.7	96	0.00
52 T	Tetrachloroethene	0.283	0.272	3.9	96	0.00
53 T	Toluene	0.892	0.895	-0.3	96	0.00
54 T	1,2-Dibromoethane	0.420	0.439	-4.5	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.423	0.409	3.3	95	0.00
57 T	Chlorobenzene	0.743	0.716	3.6	98	0.00
58 T	Ethyl Benzene	1.282	1.266	1.2	97	0.01
59 T	m/p-Xylene	1.098	1.070	2.6	96	0.00
60 T	o-Xylene	1.047	1.013	3.2	97	0.00
61 T	Styrene	0.513	0.549	-7.0	97	0.00
62	Isopropylbenzene	1.583	1.521	3.9	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.745	0.715	4.0	96	0.00
64	n-propylbenzene	0.408	0.400	2.0	96	0.01
65	tert-Butylbenzene	1.408	1.329	5.6	96	0.00
66 T	Benzyl Chloride	0.093	0.103	-10.8	91	0.00
67	sec-Butylbenzene	1.989	1.889	5.0	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.772	0.792	-2.6	96	0.00
69	p-Isopropyltoluene	1.639	1.565	4.5	96	0.00
70	n-Butylbenzene	1.700	1.655	2.6	97	0.00
71	2-Chlorotoluene	1.212	1.165	3.9	96	0.00
72 T	4-Ethyltoluene	1.220	1.229	-0.7	97	0.00
73 T	1,3,5-Trimethylbenzene	1.059	1.054	0.5	96	0.01
74 T	1,2,4-Trimethylbenzene	1.197	1.152	3.8	96	0.00
75 T	1,3-Dichlorobenzene	0.703	0.689	2.0	96	0.00
76 T	1,4-Dichlorobenzene	0.702	0.685	2.4	98	0.01
77 T	1,2-Dichlorobenzene	0.704	0.664	5.7	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.577	0.410	28.9	81	0.00
79 T	Naphthalene	1.039	1.225	-17.9	95	0.00
80 T	Naphthalene,2-methyl-	0.351	0.403	-14.8	91	0.00
81 T	1,2,4-Trichlorobenzene	0.579	0.584	-0.9	96	0.00

(#) = Out of Range

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