

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041396.D
 Acq On : 23 Jul 2024 9:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 23 10:04:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 23 02:50:01 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	83	-0.03
2 T	Dichlorodifluoromethane	1.706	1.195	30.0	69	-0.06
3	Chlorodifluoromethane	1.724	1.651	4.2	93	-0.06
4	Chloromethane	0.659	0.640	2.9	93	-0.05
5 T	Vinyl Chloride	0.712	0.655	8.0	91	-0.05
6 T	Bromomethane	0.225	0.222	1.3	91	-0.05
7	Chloroethane	0.235	0.231	1.7	96	-0.05
8 T	Dichlorotetrafluoroethane	1.659	1.525	8.1	89	-0.05
9 T	Propene	0.597	0.576	3.5	93	-0.06
10 T	Heptane	1.401	1.424	-1.6	95	-0.01
11 T	Trichlorofluoromethane	1.661	1.547	6.9	90	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.164	1.095	5.9	91	-0.04
13	Ethanol	0.132	0.052	60.6#	38	-0.04
14 T	Bromoethene	0.467	0.455	2.6	88	-0.05
15 T	Acetone	1.321	1.275	3.5	98	-0.04
16 T	1,3-Butadiene	0.629	0.633	-0.6	88	-0.05
17	tert-Butyl alcohol	1.019	0.806	20.9	70	-0.04
18 T	1,1-Dichloroethene	0.512	0.499	2.5	89	-0.04
19 T	Isopropyl Alcohol	0.725	0.453	37.5#	60	-0.04
20 T	Methylene Chloride	0.479	0.429	10.4	94	-0.04
21 T	Allyl Chloride	0.797	0.779	2.3	89	-0.04
22 T	trans-1,2-Dichloroethene	0.508	0.499	1.8	90	-0.04
23 T	Vinyl Acetate	1.302	1.327	-1.9	89	-0.04
24 T	1,1-Dichloroethane	1.129	1.081	4.3	90	-0.04
25 T	Ethyl Acetate	2.432	2.430	0.1	96	-0.03
26 T	Hexane	1.077	1.058	1.8	93	-0.03
27 T	Carbon Disulfide	1.310	1.223	6.6	84	-0.04
28 T	Methyl tert-Butyl Ether	0.799	0.784	1.9	92	-0.03
29 T	Chloroform	1.661	1.614	2.8	94	-0.03
30 T	Cyclohexane	0.858	0.900	-4.9	96	-0.02
31 T	cis-1,2-Dichloroethene	1.032	1.052	-1.9	93	-0.03
32 T	1,1,1-Trichloroethane	1.744	1.584	9.2	93	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	-0.02
34 T	2-Butanone	0.528	0.554	-4.9	94	-0.03
35 T	Carbon Tetrachloride	0.660	0.605	8.3	91	-0.02
36 T	Benzene	0.828	0.841	-1.6	95	-0.02
37 T	1,2-Dichloroethane	0.475	0.481	-1.3	94	-0.03
38 T	Trichloroethene	0.361	0.325	10.0	96	-0.02
39 T	1,2-Dichloropropane	0.320	0.323	-0.9	95	-0.02
40 T	1,4-Dioxane	0.103	0.046#	55.3#	48	0.00
41 T	Tetrahydrofuran	0.327	0.345	-5.5	94	-0.03
42 T	Bromodichloromethane	0.664	0.672	-1.2	93	-0.02
43	Methyl Methacrylate	0.311	0.340	-9.3	96	-0.02
44 T	2,2,4-Trimethylpentane	1.406	1.372	2.4	93	-0.02
45 T	t-1,3-Dichloropropene	0.197	0.240	-21.8	99	0.00
46 T	cis-1,3-Dichloropropene	0.265	0.306	-15.5	100	-0.01
47 T	1,1,2-Trichloroethane	0.343	0.346	-0.9	96	0.00
48 T	Dibromochloromethane	0.551	0.557	-1.1	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.454	-3.4	91	0.00
50 T	4-Methyl-2-Pentanone	0.847	0.879	-3.8	95	-0.01
51 T	2-Hexanone	0.602	0.640	-6.3	97	0.00
52 T	Tetrachloroethene	0.332	0.302	9.0	96	0.00
53 T	Toluene	0.933	0.977	-4.7	94	0.00
54 T	1,2-Dibromoethane	0.425	0.466	-9.6	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.450	0.417	7.3	93	0.00
57 T	Chlorobenzene	0.784	0.742	5.4	97	0.00
58 T	Ethyl Benzene	1.338	1.317	1.6	96	0.00
59 T	m/p-Xylene	1.158	1.111	4.1	95	0.00
60 T	o-Xylene	1.093	1.069	2.2	98	0.00
61 T	Styrene	0.531	0.559	-5.3	94	0.00
62	Isopropylbenzene	1.687	1.593	5.6	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.861	0.740	14.1	95	0.00
64	n-propylbenzene	0.440	0.421	4.3	95	0.00
65	tert-Butylbenzene	1.502	1.402	6.7	95	0.00
66 T	Benzyl Chloride	0.099	0.087	12.1	85	0.00
67	sec-Butylbenzene	2.125	2.001	5.8	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.732	2.4	85	0.00
69	p-Isopropyltoluene	1.755	1.672	4.7	95	0.00
70	n-Butylbenzene	1.794	1.761	1.8	96	0.00
71	2-Chlorotoluene	1.253	1.187	5.3	94	0.00
72 T	4-Ethyltoluene	1.302	1.229	5.6	93	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.092	2.0	94	0.00
74 T	1,2,4-Trimethylbenzene	1.255	1.222	2.6	95	0.00
75 T	1,3-Dichlorobenzene	0.745	0.730	2.0	96	0.00
76 T	1,4-Dichlorobenzene	0.742	0.726	2.2	97	0.00
77 T	1,2-Dichlorobenzene	0.759	0.718	5.4	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.552	0.543	1.6	111	0.00
79 T	Naphthalene	0.675	1.291	-91.3#	141	0.00
80 T	Naphthalene,2-methyl-	0.002	0.163	-8050.0#	6999#	0.00
81 T	1,2,4-Trichlorobenzene	0.417	0.639	-53.2#	132	0.00

(#) = Out of Range

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