

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041368.D
 Acq On : 1 Jul 2024 14:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 01 23:30:40 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 : Mon Jul 01 23:27:24 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	93	0.02
2 T	Dichlorodifluoromethane	1.706	1.401	17.9	91	0.04
3	Chlorodifluoromethane	1.724	1.533	11.1	97	0.04
4	Chloromethane	0.659	0.591	10.3	96	0.04
5 T	Vinyl Chloride	0.712	0.609	14.5	95	0.04
6 T	Bromomethane	0.225	0.202	10.2	93	0.04
7	Chloroethane	0.235	0.215	8.5	100	0.03
8 T	Dichlorotetrafluoroethane	1.659	1.506	9.2	99	0.04
9 T	Propene	0.597	0.529	11.4	96	0.04
10 T	Heptane	1.401	1.292	7.8	96	0.00
11 T	Trichlorofluoromethane	1.661	1.510	9.1	98	0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.164	1.040	10.7	96	0.03
13	Ethanol	0.132	0.126	4.5	104	0.03
14 T	Bromoethene	0.467	0.435	6.9	95	0.03
15 T	Acetone	1.321	1.139	13.8	99	0.03
16 T	1,3-Butadiene	0.629	0.591	6.0	92	0.04
17	tert-Butyl alcohol	1.019	1.076	-5.6	104	0.03
18 T	1,1-Dichloroethene	0.512	0.488	4.7	97	0.03
19 T	Isopropyl Alcohol	0.725	0.777	-7.2	116	0.03
20 T	Methylene Chloride	0.479	0.397	17.1	97	0.03
21 T	Allyl Chloride	0.797	0.735	7.8	95	0.02
22 T	trans-1,2-Dichloroethene	0.508	0.473	6.9	96	0.02
23 T	Vinyl Acetate	1.302	1.365	-4.8	103	0.02
24 T	1,1-Dichloroethane	1.129	1.033	8.5	97	0.02
25 T	Ethyl Acetate	2.432	2.206	9.3	98	0.01
26 T	Hexane	1.077	0.961	10.8	95	0.01
27 T	Carbon Disulfide	1.310	1.255	4.2	96	0.02
28 T	Methyl tert-Butyl Ether	0.799	0.737	7.8	97	0.02
29 T	Chloroform	1.661	1.515	8.8	100	0.01
30 T	Cyclohexane	0.858	0.820	4.4	98	0.00
31 T	cis-1,2-Dichloroethene	1.032	0.955	7.5	95	0.01
32 T	1,1,1-Trichloroethane	1.744	1.497	14.2	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.528	0.495	6.3	96	0.02
35 T	Carbon Tetrachloride	0.660	0.580	12.1	99	0.00
36 T	Benzene	0.828	0.753	9.1	97	0.00
37 T	1,2-Dichloroethane	0.475	0.433	8.8	97	0.00
38 T	Trichloroethene	0.361	0.292	19.1	98	0.00
39 T	1,2-Dichloropropane	0.320	0.286	10.6	96	0.00
40 T	1,4-Dioxane	0.103	0.106	-2.9	126	0.00
41 T	Tetrahydrofuran	0.327	0.312	4.6	97	0.01
42 T	Bromodichloromethane	0.664	0.617	7.1	98	0.00
43	Methyl Methacrylate	0.311	0.299	3.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.406	1.259	10.5	97	0.00
45 T	t-1,3-Dichloropropene	0.197	0.206	-4.6	97	0.00
46 T	cis-1,3-Dichloropropene	0.265	0.257	3.0	96	0.00
47 T	1,1,2-Trichloroethane	0.343	0.307	10.5	97	0.00
48 T	Dibromochloromethane	0.551	0.519	5.8	97	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.425	3.2	97	-0.01
50 T	4-Methyl-2-Pentanone	0.847	0.774	8.6	96	0.00
51 T	2-Hexanone	0.602	0.552	8.3	96	0.00
52 T	Tetrachloroethene	0.332	0.269	19.0	98	0.00
53 T	Toluene	0.933	0.881	5.6	97	0.00
54 T	1,2-Dibromoethane	0.425	0.410	3.5	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.01
56	1,1,1,2-Tetrachloroethane	0.450	0.396	12.0	97	-0.01
57 T	Chlorobenzene	0.784	0.680	13.3	97	-0.01
58 T	Ethyl Benzene	1.338	1.228	8.2	98	-0.01
59 T	m/p-Xylene	1.158	1.030	11.1	96	0.00
60 T	o-Xylene	1.093	0.971	11.2	97	-0.01
61 T	Styrene	0.531	0.527	0.8	97	-0.02
62	Isopropylbenzene	1.687	1.466	13.1	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.861	0.702	18.5	98	-0.01
64	n-propylbenzene	0.440	0.389	11.6	96	-0.01
65	tert-Butylbenzene	1.502	1.327	11.7	98	-0.02
66 T	Benzyl Chloride	0.099	0.101	-2.0	107	-0.01
67	sec-Butylbenzene	2.125	1.884	11.3	98	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.750	0.743	0.9	95	-0.02
69	p-Isopropyltoluene	1.755	1.563	10.9	97	-0.02
70	n-Butylbenzene	1.794	1.625	9.4	97	-0.02
71	2-Chlorotoluene	1.253	1.128	10.0	98	-0.02
72 T	4-Ethyltoluene	1.302	1.214	6.8	100	-0.02
73 T	1,3,5-Trimethylbenzene	1.114	1.042	6.5	98	-0.02
74 T	1,2,4-Trimethylbenzene	1.255	1.148	8.5	97	-0.02
75 T	1,3-Dichlorobenzene	0.745	0.677	9.1	97	-0.02
76 T	1,4-Dichlorobenzene	0.742	0.672	9.4	97	-0.02
77 T	1,2-Dichlorobenzene	0.759	0.658	13.3	96	-0.02
78 T	Hexachloro-1,3-Butadiene	0.552	0.244	55.8#	55	-0.02
79 T	Naphthalene	0.675	0.315	53.3#	38	-0.02
80 T	Naphthalene,2-methyl-	0.002	0.000#	100.0#	17#	-0.02
81 T	1,2,4-Trichlorobenzene	0.417	0.212	49.2#	48	-0.02

(#) = Out of Range

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