

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041379.D
 Acq On : 1 Jul 2024 22:35
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 01 23:35:04 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	89	0.01
2 T	Dichlorodifluoromethane	1.706	1.532	10.2	95	0.05
3	Chlorodifluoromethane	1.724	1.531	11.2	93	0.05
4	Chloromethane	0.659	0.592	10.2	92	0.05
5 T	Vinyl Chloride	0.712	0.626	12.1	94	0.05
6 T	Bromomethane	0.225	0.153	32.0#	67	0.04
7	Chloroethane	0.235	0.220	6.4	98	0.04
8 T	Dichlorotetrafluoroethane	1.659	1.544	6.9	97	0.05
9 T	Propene	0.597	0.531	11.1	92	0.05
10 T	Heptane	1.401	1.312	6.4	94	0.00
11 T	Trichlorofluoromethane	1.661	1.546	6.9	96	0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.164	1.056	9.3	94	0.03
13	Ethanol	0.132	0.145	-9.8	114	0.04
14 T	Bromoethene	0.467	0.443	5.1	93	0.04
15 T	Acetone	1.321	1.106	16.3	92	0.04
16 T	1,3-Butadiene	0.629	0.607	3.5	90	0.05
17	tert-Butyl alcohol	1.019	1.090	-7.0	101	0.03
18 T	1,1-Dichloroethene	0.512	0.471	8.0	90	0.03
19 T	Isopropyl Alcohol	0.725	0.836	-15.3	120	0.03
20 T	Methylene Chloride	0.479	0.389	18.8	92	0.03
21 T	Allyl Chloride	0.797	0.681	14.6	84	0.03
22 T	trans-1,2-Dichloroethene	0.508	0.465	8.5	91	0.02
23 T	Vinyl Acetate	1.302	1.234	5.2	89	0.02
24 T	1,1-Dichloroethane	1.129	1.038	8.1	93	0.02
25 T	Ethyl Acetate	2.432	2.199	9.6	94	0.01
26 T	Hexane	1.077	0.971	9.8	92	0.01
27 T	Carbon Disulfide	1.310	1.231	6.0	91	0.03
28 T	Methyl tert-Butyl Ether	0.799	0.728	8.9	92	0.02
29 T	Chloroform	1.661	1.520	8.5	96	0.01
30 T	Cyclohexane	0.858	0.806	6.1	93	0.00
31 T	cis-1,2-Dichloroethene	1.032	0.955	7.5	91	0.01
32 T	1,1,1-Trichloroethane	1.744	1.499	14.0	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.528	0.494	6.4	91	0.02
35 T	Carbon Tetrachloride	0.660	0.581	12.0	94	0.00
36 T	Benzene	0.828	0.765	7.6	94	0.00
37 T	1,2-Dichloroethane	0.475	0.437	8.0	93	0.00
38 T	Trichloroethene	0.361	0.305	15.5	98	0.00
39 T	1,2-Dichloropropane	0.320	0.294	8.1	94	0.00
40 T	1,4-Dioxane	0.103	0.121	-17.5	137	0.00
41 T	Tetrahydrofuran	0.327	0.306	6.4	90	0.01
42 T	Bromodichloromethane	0.664	0.623	6.2	94	0.00
43	Methyl Methacrylate	0.311	0.309	0.6	94	0.00
44 T	2,2,4-Trimethylpentane	1.406	1.277	9.2	94	0.00
45 T	t-1,3-Dichloropropene	0.197	0.141	28.4	63	-0.01
46 T	cis-1,3-Dichloropropene	0.265	0.203	23.4	72	-0.01
47 T	1,1,2-Trichloroethane	0.343	0.315	8.2	95	0.00
48 T	Dibromochloromethane	0.551	0.532	3.4	94	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.425	3.2	92	-0.02
50 T	4-Methyl-2-Pentanone	0.847	0.781	7.8	92	0.00
51 T	2-Hexanone	0.602	0.543	9.8	90	-0.02
52 T	Tetrachloroethene	0.332	0.274	17.5	95	-0.02
53 T	Toluene	0.933	0.887	4.9	93	-0.02
54 T	1,2-Dibromoethane	0.425	0.379	10.8	86	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	-0.02
56	1,1,1,2-Tetrachloroethane	0.450	0.409	9.1	96	-0.02
57 T	Chlorobenzene	0.784	0.704	10.2	96	-0.03
58 T	Ethyl Benzene	1.338	1.252	6.4	96	-0.02
59 T	m/p-Xylene	1.158	1.063	8.2	95	-0.02
60 T	o-Xylene	1.093	1.007	7.9	96	-0.02
61 T	Styrene	0.531	0.515	3.0	91	-0.03
62	Isopropylbenzene	1.687	1.535	9.0	97	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.861	0.717	16.7	96	-0.03
64	n-propylbenzene	0.440	0.397	9.8	94	-0.03
65	tert-Butylbenzene	1.502	1.368	8.9	97	-0.03
66 T	Benzyl Chloride	0.099	0.062	37.4#	63	-0.02
67	sec-Butylbenzene	2.125	1.938	8.8	97	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.750	0.720	4.0	88	-0.03
69	p-Isopropyltoluene	1.755	1.631	7.1	97	-0.03
70	n-Butylbenzene	1.794	1.691	5.7	97	-0.03
71	2-Chlorotoluene	1.253	1.140	9.0	95	-0.03
72 T	4-Ethyltoluene	1.302	1.232	5.4	97	-0.03
73 T	1,3,5-Trimethylbenzene	1.114	1.081	3.0	98	-0.03
74 T	1,2,4-Trimethylbenzene	1.255	1.188	5.3	97	-0.03
75 T	1,3-Dichlorobenzene	0.745	0.685	8.1	94	-0.03
76 T	1,4-Dichlorobenzene	0.742	0.672	9.4	93	-0.03
77 T	1,2-Dichlorobenzene	0.759	0.682	10.1	95	-0.03
78 T	Hexachloro-1,3-Butadiene	0.552	0.172	68.8#	37	-0.04
79 T	Naphthalene	0.675	0.162	76.0#	19#	-0.03
80 T	Naphthalene,2-methyl-	0.002	0.000#	100.0#	1#	0.03
81 T	1,2,4-Trichlorobenzene	0.417	0.130	68.8#	28	-0.03

(#) = Out of Range

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