

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041601.D
 Acq On : 18 Sep 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 01:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 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	102	0.02
2 T	Dichlorodifluoromethane	1.444	1.143	20.8	89	0.02
3	Chlorodifluoromethane	1.213	1.102	9.2	102	0.02
4	Chloromethane	0.667	0.602	9.7	100	0.02
5 T	Vinyl Chloride	0.578	0.600	-3.8	104	0.02
6 T	Bromomethane	0.287	0.265	7.7	99	0.02
7	Chloroethane	0.225	0.213	5.3	102	0.02
8 T	Dichlorotetrafluoroethane	1.515	1.400	7.6	100	0.02
9 T	Propene	0.512	0.520	-1.6	103	0.02
10 T	Heptane	1.198	1.257	-4.9	101	0.02
11 T	Trichlorofluoromethane	1.537	1.394	9.3	99	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.032	7.3	101	0.02
13	Ethanol	0.038	0.023#	39.5#	97	0.02
14 T	Bromoethene	0.422	0.425	-0.7	102	0.02
15 T	Acetone	1.255	1.028	18.1	102	0.02
16 T	1,3-Butadiene	0.611	0.573	6.2	101	0.02
17	tert-Butyl alcohol	1.104	1.073	2.8	100	0.02
18 T	1,1-Dichloroethene	0.471	0.451	4.2	97	0.02
19 T	Isopropyl Alcohol	0.643	0.608	5.4	99	0.02
20 T	Methylene Chloride	0.472	0.383	18.9	101	0.02
21 T	Allyl Chloride	0.728	0.730	-0.3	101	0.02
22 T	trans-1,2-Dichloroethene	0.470	0.455	3.2	101	0.02
23 T	Vinyl Acetate	0.691	0.735	-6.4	109	0.02
24 T	1,1-Dichloroethane	1.036	0.985	4.9	101	0.02
25 T	Ethyl Acetate	2.254	2.284	-1.3	102	0.02
26 T	Hexane	0.940	0.930	1.1	102	0.02
27 T	Carbon Disulfide	0.999	1.113	-11.4	102	0.02
28 T	Methyl tert-Butyl Ether	0.579	0.573	1.0	105	0.02
29 T	Chloroform	1.538	1.447	5.9	101	0.02
30 T	Cyclohexane	0.725	0.775	-6.9	101	0.02
31 T	cis-1,2-Dichloroethene	0.892	0.920	-3.1	104	0.02
32 T	1,1,1-Trichloroethane	1.370	1.429	-4.3	101	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.02
34 T	2-Butanone	0.477	0.475	0.4	102	0.02
35 T	Carbon Tetrachloride	0.491	0.549	-11.8	102	0.01
36 T	Benzene	0.694	0.726	-4.6	102	0.02
37 T	1,2-Dichloroethane	0.403	0.400	0.7	101	0.02
38 T	Trichloroethene	0.358	0.389	-8.7	103	0.02
39 T	1,2-Dichloropropane	0.283	0.281	0.7	103	0.01
40 T	1,4-Dioxane	0.107	0.117	-9.3	104	0.02
41 T	Tetrahydrofuran	0.262	0.293	-11.8	102	0.02
42 T	Bromodichloromethane	0.561	0.578	-3.0	101	0.01
43	Methyl Methacrylate	0.249	0.286	-14.9	102	0.02
44 T	2,2,4-Trimethylpentane	1.202	1.221	-1.6	101	0.02
45 T	t-1,3-Dichloropropene	0.200	0.254	-27.0	104	0.01
46 T	cis-1,3-Dichloropropene	0.294	0.355	-20.7	101	0.02
47 T	1,1,2-Trichloroethane	0.300	0.303	-1.0	102	0.02
48 T	Dibromochloromethane	0.455	0.498	-9.5	102	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.433	-11.0	101	0.02
50 T	4-Methyl-2-Pentanone	0.736	0.802	-9.0	102	0.02
51 T	2-Hexanone	0.557	0.642	-15.3	102	0.02
52 T	Tetrachloroethene	0.251	0.271	-8.0	102	0.02
53 T	Toluene	0.737	0.838	-13.7	101	0.02
54 T	1,2-Dibromoethane	0.369	0.407	-10.3	100	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.01
56	1,1,1,2-Tetrachloroethane	0.390	0.377	3.3	101	0.01
57 T	Chlorobenzene	0.721	0.677	6.1	100	0.02
58 T	Ethyl Benzene	1.070	1.171	-9.4	101	0.01
59 T	m/p-Xylene	0.953	0.989	-3.8	101	0.02
60 T	o-Xylene	0.913	0.948	-3.8	100	0.02
61 T	Styrene	0.382	0.465	-21.7	101	0.02
62	Isopropylbenzene	1.384	1.381	0.2	100	0.01
63 T	1,1,2,2-Tetrachloroethane	0.467	0.450	3.6	100	0.01
64	n-propylbenzene	0.357	0.374	-4.8	101	0.01
65	tert-Butylbenzene	1.269	1.248	1.7	101	0.02
66 T	Benzyl Chloride	0.066	0.068	-3.0	102	0.01
67	sec-Butylbenzene	1.760	1.743	1.0	100	0.02
68 S	1-Bromo-4-Fluorobenzene	0.736	0.732	0.5	100	0.02
69	p-Isopropyltoluene	1.425	1.463	-2.7	100	0.01
70	n-Butylbenzene	1.492	1.505	-0.9	100	0.01
71	2-Chlorotoluene	1.018	1.043	-2.5	101	0.01
72 T	4-Ethyltoluene	1.068	1.139	-6.6	100	0.01
73 T	1,3,5-Trimethylbenzene	0.943	0.975	-3.4	100	0.02
74 T	1,2,4-Trimethylbenzene	1.104	1.087	1.5	101	0.01
75 T	1,3-Dichlorobenzene	0.692	0.670	3.2	100	0.01
76 T	1,4-Dichlorobenzene	0.663	0.662	0.2	101	0.01
77 T	1,2-Dichlorobenzene	0.683	0.654	4.2	101	0.01
78 T	Hexachloro-1,3-Butadiene	0.563	0.487	13.5	100	0.00
79 T	Naphthalene	0.812	1.024	-26.1	101	0.01
80 T	Naphthalene,2-methyl-	0.569	0.759	-33.4#	103	0.00
81 T	1,2,4-Trichlorobenzene	0.516	0.544	-5.4	101	0.01

(#) = Out of Range

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