

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
 Data File : VL041828.D
 Acq On : 03 Jan 2025 14:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 03 14:48:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 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	129	0.02
2 T	Dichlorodifluoromethane	1.779	1.273	28.4	98	0.00
3	Chlorodifluoromethane	1.631	1.487	8.8	123	0.00
4	Chloromethane	0.696	0.626	10.1	128	0.00
5 T	Vinyl Chloride	0.701	0.576	17.8	119	0.00
6 T	Bromomethane	0.331	0.276	16.6	120	0.00
7	Chloroethane	0.272	0.237	12.9	120	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.355	14.9	120	0.00
9 T	Propene	0.707	0.544	23.1	111	0.00
10 T	Heptane	1.816	1.565	13.8	118	0.03
11 T	Trichlorofluoromethane	1.890	1.593	15.7	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.202	16.4	116	0.01
13	Ethanol	0.059	0.046#	22.0	163#	0.00
14 T	Bromoethene	0.485	0.405	16.5	110	0.00
15 T	Acetone	1.946	1.488	23.5	131	0.00
16 T	1,3-Butadiene	0.766	0.672	12.3	127	0.00
17	tert-Butyl alcohol	1.930	1.631	15.5	115	0.01
18 T	1,1-Dichloroethene	0.603	0.504	16.4	115	0.00
19 T	Isopropyl Alcohol	1.167	0.823	29.5	124	0.00
20 T	Methylene Chloride	0.555	0.446	19.6	121	0.00
21 T	Allyl Chloride	1.055	0.939	11.0	120	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.570	17.4	115	0.01
23 T	Vinyl Acetate	0.903	0.750	16.9	122	0.02
24 T	1,1-Dichloroethane	1.396	1.201	14.0	118	0.01
25 T	Ethyl Acetate	3.620	3.268	9.7	123	0.02
26 T	Hexane	1.374	1.171	14.8	116	0.02
27 T	Carbon Disulfide	1.238	1.144	7.6	110	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.896	19.6	105	0.02
29 T	Chloroform	2.093	1.866	10.8	122	0.02
30 T	Cyclohexane	1.169	0.958	18.0	113	0.02
31 T	cis-1,2-Dichloroethene	1.419	1.179	16.9	114	0.01
32 T	1,1,1-Trichloroethane	2.128	1.821	14.4	116	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.02
34 T	2-Butanone	0.805	0.760	5.6	122	0.02
35 T	Carbon Tetrachloride	0.710	0.753	-6.1	118	0.02
36 T	Benzene	1.034	0.964	6.8	117	0.02
37 T	1,2-Dichloroethane	0.644	0.605	6.1	118	0.02
38 T	Trichloroethene	0.439	0.368	16.2	113	0.03
39 T	1,2-Dichloropropane	0.374	0.355	5.1	119	0.03
40 T	1,4-Dioxane	0.183	0.170	7.1	121	0.03
41 T	Tetrahydrofuran	0.451	0.418	7.3	116	0.02
42 T	Bromodichloromethane	0.740	0.766	-3.5	117	0.03
43	Methyl Methacrylate	0.394	0.350	11.2	105	0.03
44 T	2,2,4-Trimethylpentane	1.767	1.678	5.0	119	0.03
45 T	t-1,3-Dichloropropene	0.408	0.355	13.0	100	0.03
46 T	cis-1,3-Dichloropropene	0.518	0.455	12.2	101	0.04
47 T	1,1,2-Trichloroethane	0.391	0.361	7.7	116	0.04
48 T	Dibromochloromethane	0.534	0.568	-6.4	114	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.437	0.463	-5.9	110	0.02
50 T	4-Methyl-2-Pentanone	1.095	1.027	6.2	115	0.04
51 T	2-Hexanone	0.888	0.804	9.5	111	0.03
52 T	Tetrachloroethene	0.385	0.307	20.3	106	0.03
53 T	Toluene	1.173	1.020	13.0	108	0.03
54 T	1,2-Dibromoethane	0.538	0.503	6.5	117	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.02
56	1,1,1,2-Tetrachloroethane	0.530	0.526	0.8	119	0.02
57 T	Chlorobenzene	1.023	0.940	8.1	119	0.02
58 T	Ethyl Benzene	1.800	1.618	10.1	110	0.02
59 T	m/p-Xylene	1.448	1.374	5.1	117	0.02
60 T	o-Xylene	1.452	1.368	5.8	116	0.02
61 T	Styrene	0.628	0.581	7.5	104	0.02
62	Isopropylbenzene	2.181	2.006	8.0	113	0.02
63 T	1,1,2,2-Tetrachloroethane	0.909	0.887	2.4	127	0.02
64	n-propylbenzene	0.551	0.518	6.0	117	0.02
65	tert-Butylbenzene	1.968	1.828	7.1	117	0.02
66 T	Benzyl Chloride	0.173	0.153	11.6	97	0.02
67	sec-Butylbenzene	2.723	2.595	4.7	119	0.01
68 S	1-Bromo-4-Fluorobenzene	0.833	0.891	-7.0	127	0.02
69	p-Isopropyltoluene	2.244	2.139	4.7	116	0.02
70	n-Butylbenzene	2.168	2.108	2.8	116	0.02
71	2-Chlorotoluene	1.665	1.518	8.8	113	0.02
72 T	4-Ethyltoluene	1.713	1.639	4.3	114	0.02
73 T	1,3,5-Trimethylbenzene	1.422	1.417	0.4	117	0.02
74 T	1,2,4-Trimethylbenzene	1.529	1.569	-2.6	121	0.02
75 T	1,3-Dichlorobenzene	0.975	0.901	7.6	117	0.02
76 T	1,4-Dichlorobenzene	0.963	0.908	5.7	118	0.02
77 T	1,2-Dichlorobenzene	0.938	0.865	7.8	121	0.02
78 T	Hexachloro-1,3-Butadiene	0.695	0.504	27.5	104	0.01
79 T	Naphthalene	1.065	1.082	-1.6	104	0.02
80 T	Naphthalene,2-methyl-	0.329	0.433	-31.6#	80	0.01
81 T	1,2,4-Trichlorobenzene	0.582	0.510	12.4	99	0.02

(#) = Out of Range

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