

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040464.D
 Acq On : 15 Jun 2023 11:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 16 05:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 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	103	0.00
2 T	Dichlorodifluoromethane	2.176	1.889	13.2	97	0.00
3	Chlorodifluoromethane	1.638	1.512	7.7	103	0.00
4	Chloromethane	0.634	0.592	6.6	103	0.00
5 T	Vinyl Chloride	0.633	0.644	-1.7	104	0.00
6 T	Bromomethane	0.328	0.318	3.0	104	0.00
7	Chloroethane	0.236	0.227	3.8	105	0.00
8 T	Dichlorotetrafluoroethane	1.719	1.603	6.7	102	0.00
9 T	Propene	0.505	0.474	6.1	106	0.00
10 T	Heptane	1.143	1.194	-4.5	103	0.00
11 T	Trichlorofluoromethane	1.772	1.641	7.4	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.238	1.190	3.9	101	0.00
13	Ethanol	0.105	0.100	4.8	101	0.00
14 T	Bromoethene	0.518	0.498	3.9	101	0.00
15 T	Acetone	1.206	1.068	11.4	104	0.00
16 T	1,3-Butadiene	0.587	0.573	2.4	103	0.00
17	tert-Butyl alcohol	0.992	0.994	-0.2	108	0.00
18 T	1,1-Dichloroethene	0.552	0.534	3.3	101	0.00
19 T	Isopropyl Alcohol	0.581	0.582	-0.2	106	0.00
20 T	Methylene Chloride	0.515	0.446	13.4	103	0.00
21 T	Allyl Chloride	0.681	0.675	0.9	104	0.00
22 T	trans-1,2-Dichloroethene	0.566	0.539	4.8	96	0.01
23 T	Vinyl Acetate	1.178	1.160	1.5	99	0.00
24 T	1,1-Dichloroethane	1.182	1.134	4.1	103	0.00
25 T	Ethyl Acetate	2.186	2.087	4.5	103	0.00
26 T	Hexane	1.035	0.966	6.7	105	0.00
27 T	Carbon Disulfide	1.294	1.367	-5.6	101	0.00
28 T	Methyl tert-Butyl Ether	0.797	0.832	-4.4	107	0.00
29 T	Chloroform	1.763	1.662	5.7	101	0.00
30 T	Cyclohexane	0.834	0.805	3.5	104	0.01
31 T	cis-1,2-Dichloroethene	0.990	1.011	-2.1	104	0.00
32 T	1,1,1-Trichloroethane	1.740	1.691	2.8	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.482	0.452	6.2	100	0.00
35 T	Carbon Tetrachloride	0.681	0.699	-2.6	102	0.00
36 T	Benzene	0.795	0.809	-1.8	104	0.00
37 T	1,2-Dichloroethane	0.518	0.511	1.4	102	0.00
38 T	Trichloroethene	0.301	0.325	-8.0	102	0.00
39 T	1,2-Dichloropropane	0.307	0.308	-0.3	105	0.00
40 T	1,4-Dioxane	0.087	0.082	5.7	100	0.02
41 T	Tetrahydrofuran	0.264	0.273	-3.4	104	0.00
42 T	Bromodichloromethane	0.714	0.729	-2.1	102	0.00
43	Methyl Methacrylate	0.286	0.320	-11.9	104	0.00
44 T	2,2,4-Trimethylpentane	1.300	1.313	-1.0	103	0.00
45 T	t-1,3-Dichloropropene	0.211	0.256	-21.3	105	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.298	-16.0	105	0.01
47 T	1,1,2-Trichloroethane	0.337	0.338	-0.3	104	0.00
48 T	Dibromochloromethane	0.539	0.575	-6.7	101	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.408	0.443	-8.6	100	0.00
50 T	4-Methyl-2-Pentanone	0.646	0.684	-5.9	102	0.01
51 T	2-Hexanone	0.448	0.490	-9.4	103	0.00
52 T	Tetrachloroethene	0.250	0.279	-11.6	104	0.00
53 T	Toluene	0.838	0.921	-9.9	103	0.00
54 T	1,2-Dibromoethane	0.442	0.490	-10.9	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.470	0.430	8.5	102	0.01
57 T	Chlorobenzene	0.756	0.700	7.4	102	0.00
58 T	Ethyl Benzene	1.212	1.247	-2.9	103	0.00
59 T	m/p-Xylene	1.114	1.088	2.3	101	0.00
60 T	o-Xylene	1.056	1.044	1.1	101	0.00
61 T	Styrene	0.455	0.525	-15.4	102	0.00
62	Isopropylbenzene	1.570	1.517	3.4	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.684	0.637	6.9	100	0.00
64	n-propylbenzene	0.399	0.387	3.0	100	0.00
65	tert-Butylbenzene	1.347	1.311	2.7	102	0.00
66 T	Benzyl Chloride	0.104	0.101	2.9	98	0.00
67	sec-Butylbenzene	1.964	1.889	3.8	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.825	0.785	4.8	100	0.00
69	p-Isopropyltoluene	1.561	1.552	0.6	102	0.00
70	n-Butylbenzene	1.742	1.704	2.2	101	0.00
71	2-Chlorotoluene	1.166	1.171	-0.4	101	0.00
72 T	4-Ethyltoluene	1.190	1.230	-3.4	102	0.00
73 T	1,3,5-Trimethylbenzene	1.051	1.060	-0.9	101	0.00
74 T	1,2,4-Trimethylbenzene	1.237	1.188	4.0	101	0.00
75 T	1,3-Dichlorobenzene	0.694	0.667	3.9	102	0.00
76 T	1,4-Dichlorobenzene	0.675	0.655	3.0	102	0.00
77 T	1,2-Dichlorobenzene	0.655	0.619	5.5	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.506	0.443	12.5	102	0.02
79 T	Naphthalene	0.712	0.887	-24.6	102	0.00
80 T	Naphthalene,2-methyl-	0.214	0.279	-30.4#	100	0.00
81 T	1,2,4-Trichlorobenzene	0.441	0.504	-14.3	102	0.00

(#) = Out of Range

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