

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040484.D
 Acq On : 22 Jun 2023 13:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 23 01:30:23 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	94	-0.01
2 T	Dichlorodifluoromethane	2.176	2.080	4.4	99	0.00
3	Chlorodifluoromethane	1.638	1.509	7.9	95	0.00
4	Chloromethane	0.634	0.599	5.5	96	0.00
5 T	Vinyl Chloride	0.633	0.639	-0.9	95	0.00
6 T	Bromomethane	0.328	0.313	4.6	94	0.00
7	Chloroethane	0.236	0.223	5.5	95	0.00
8 T	Dichlorotetrafluoroethane	1.719	1.625	5.5	95	0.00
9 T	Propene	0.505	0.442	12.5	91	0.00
10 T	Heptane	1.143	1.209	-5.8	96	-0.02
11 T	Trichlorofluoromethane	1.772	1.667	5.9	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.238	1.238	0.0	97	0.00
13	Ethanol	0.105	0.104	1.0	96	0.00
14 T	Bromoethene	0.518	0.498	3.9	93	0.00
15 T	Acetone	1.206	1.060	12.1	95	0.00
16 T	1,3-Butadiene	0.587	0.585	0.3	97	0.00
17	tert-Butyl alcohol	0.992	0.960	3.2	96	0.00
18 T	1,1-Dichloroethene	0.552	0.535	3.1	93	0.00
19 T	Isopropyl Alcohol	0.581	0.577	0.7	96	0.00
20 T	Methylene Chloride	0.515	0.452	12.2	96	0.00
21 T	Allyl Chloride	0.681	0.678	0.4	96	0.00
22 T	trans-1,2-Dichloroethene	0.566	0.574	-1.4	94	0.00
23 T	Vinyl Acetate	1.178	1.192	-1.2	94	0.00
24 T	1,1-Dichloroethane	1.182	1.146	3.0	96	0.00
25 T	Ethyl Acetate	2.186	2.089	4.4	94	0.00
26 T	Hexane	1.035	0.953	7.9	95	0.00
27 T	Carbon Disulfide	1.294	1.350	-4.3	92	0.00
28 T	Methyl tert-Butyl Ether	0.797	0.799	-0.3	95	0.00
29 T	Chloroform	1.763	1.666	5.5	94	-0.01
30 T	Cyclohexane	0.834	0.821	1.6	98	-0.01
31 T	cis-1,2-Dichloroethene	0.990	0.990	0.0	94	0.00
32 T	1,1,1-Trichloroethane	1.740	1.680	3.4	92	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.01
34 T	2-Butanone	0.482	0.448	7.1	92	0.00
35 T	Carbon Tetrachloride	0.681	0.688	-1.0	93	-0.01
36 T	Benzene	0.795	0.792	0.4	95	-0.02
37 T	1,2-Dichloroethane	0.518	0.504	2.7	94	-0.01
38 T	Trichloroethene	0.301	0.328	-9.0	96	-0.02
39 T	1,2-Dichloropropane	0.307	0.303	1.3	95	-0.02
40 T	1,4-Dioxane	0.087	0.086	1.1	97	-0.01
41 T	Tetrahydrofuran	0.264	0.269	-1.9	96	-0.01
42 T	Bromodichloromethane	0.714	0.720	-0.8	94	-0.02
43	Methyl Methacrylate	0.286	0.313	-9.4	94	-0.02
44 T	2,2,4-Trimethylpentane	1.300	1.311	-0.8	96	-0.02
45 T	t-1,3-Dichloropropene	0.211	0.248	-17.5	95	-0.03
46 T	cis-1,3-Dichloropropene	0.257	0.294	-14.4	96	-0.02
47 T	1,1,2-Trichloroethane	0.337	0.337	0.0	96	-0.02
48 T	Dibromochloromethane	0.539	0.570	-5.8	93	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.408	0.435	-6.6	91	-0.03
50 T	4-Methyl-2-Pentanone	0.646	0.687	-6.3	95	-0.02
51 T	2-Hexanone	0.448	0.483	-7.8	94	-0.02
52 T	Tetrachloroethene	0.250	0.280	-12.0	97	-0.03
53 T	Toluene	0.838	0.923	-10.1	96	-0.02
54 T	1,2-Dibromoethane	0.442	0.496	-12.2	96	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.03
56	1,1,1,2-Tetrachloroethane	0.470	0.436	7.2	94	-0.02
57 T	Chlorobenzene	0.756	0.729	3.6	96	-0.03
58 T	Ethyl Benzene	1.212	1.283	-5.9	96	-0.03
59 T	m/p-Xylene	1.114	1.126	-1.1	95	-0.03
60 T	o-Xylene	1.056	1.069	-1.2	94	-0.03
61 T	Styrene	0.455	0.540	-18.7	96	-0.03
62	Isopropylbenzene	1.570	1.559	0.7	95	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.684	0.666	2.6	95	-0.03
64	n-propylbenzene	0.399	0.403	-1.0	94	-0.03
65	tert-Butylbenzene	1.347	1.358	-0.8	96	-0.03
66 T	Benzyl Chloride	0.104	0.101	2.9	89	-0.03
67	sec-Butylbenzene	1.964	1.951	0.7	95	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.825	0.783	5.1	90	-0.03
69	p-Isopropyltoluene	1.561	1.594	-2.1	95	-0.03
70	n-Butylbenzene	1.742	1.759	-1.0	94	-0.03
71	2-Chlorotoluene	1.166	1.210	-3.8	95	-0.03
72 T	4-Ethyltoluene	1.190	1.271	-6.8	95	-0.02
73 T	1,3,5-Trimethylbenzene	1.051	1.096	-4.3	95	-0.03
74 T	1,2,4-Trimethylbenzene	1.237	1.226	0.9	95	-0.03
75 T	1,3-Dichlorobenzene	0.694	0.687	1.0	95	-0.03
76 T	1,4-Dichlorobenzene	0.675	0.678	-0.4	96	-0.03
77 T	1,2-Dichlorobenzene	0.655	0.646	1.4	96	-0.03
78 T	Hexachloro-1,3-Butadiene	0.506	0.448	11.5	94	-0.03
79 T	Naphthalene	0.712	0.898	-26.1	93	-0.04
80 T	Naphthalene,2-methyl-	0.214	0.252	-17.8	82	-0.02
81 T	1,2,4-Trichlorobenzene	0.441	0.475	-7.7	87	-0.03

(#) = Out of Range

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