

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040241.D
 Acq On : 28 Feb 2023 8:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 01 04:21:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 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	93	0.00
2 T	Dichlorodifluoromethane	1.864	1.382	25.9	89	0.00
3	Chlorodifluoromethane	1.195	1.160	2.9	100	0.00
4	Chloromethane	0.750	0.729	2.8	100	0.00
5 T	Vinyl Chloride	0.603	0.640	-6.1	102	0.00
6 T	Bromomethane	0.218	0.214	1.8	98	0.00
7	Chloroethane	0.239	0.243	-1.7	106	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.592	0.9	101	0.00
9 T	Propene	0.487	0.469	3.7	96	0.00
10 T	Heptane	1.159	1.210	-4.4	98	0.00
11 T	Trichlorofluoromethane	1.672	1.735	-3.8	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.292	-4.7	108	0.00
13	Ethanol	0.045	0.035#	22.2	105	0.00
14 T	Bromoethene	0.473	0.493	-4.2	100	0.00
15 T	Acetone	1.204	1.132	6.0	103	0.00
16 T	1,3-Butadiene	0.550	0.577	-4.9	100	0.00
17	tert-Butyl alcohol	1.098	1.198	-9.1	103	0.00
18 T	1,1-Dichloroethene	0.536	0.562	-4.9	106	0.00
19 T	Isopropyl Alcohol	0.572	0.553	3.3	100	0.00
20 T	Methylene Chloride	0.627	0.482	23.1	105	0.00
21 T	Allyl Chloride	0.738	0.781	-5.8	98	0.00
22 T	trans-1,2-Dichloroethene	0.555	0.566	-2.0	100	0.00
23 T	Vinyl Acetate	0.365	0.370	-1.4	94	0.00
24 T	1,1-Dichloroethane	1.142	1.171	-2.5	102	0.00
25 T	Ethyl Acetate	2.238	2.141	4.3	95	0.00
26 T	Hexane	0.961	0.910	5.3	96	0.00
27 T	Carbon Disulfide	1.219	1.427	-17.1	105	0.00
28 T	Methyl tert-Butyl Ether	1.029	1.057	-2.7	101	0.00
29 T	Chloroform	1.650	1.620	1.8	100	0.00
30 T	Cyclohexane	0.754	0.783	-3.8	97	0.00
31 T	cis-1,2-Dichloroethene	0.913	0.896	1.9	101	0.00
32 T	1,1,1-Trichloroethane	1.550	1.637	-5.6	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.493	0.488	1.0	100	0.00
35 T	Carbon Tetrachloride	0.591	0.661	-11.8	102	0.00
36 T	Benzene	0.778	0.754	3.1	95	0.00
37 T	1,2-Dichloroethane	0.487	0.489	-0.4	101	0.00
38 T	Trichloroethene	0.429	0.455	-6.1	97	0.00
39 T	1,2-Dichloropropane	0.303	0.295	2.6	98	0.00
40 T	1,4-Dioxane	0.121	0.115	5.0	95	0.00
41 T	Tetrahydrofuran	0.286	0.283	1.0	93	0.00
42 T	Bromodichloromethane	0.672	0.698	-3.9	101	0.00
43	Methyl Methacrylate	0.288	0.304	-5.6	97	0.00
44 T	2,2,4-Trimethylpentane	1.299	1.279	1.5	99	0.00
45 T	t-1,3-Dichloropropene	0.255	0.291	-14.1	95	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.394	-10.7	95	0.00
47 T	1,1,2-Trichloroethane	0.327	0.316	3.4	96	0.00
48 T	Dibromochloromethane	0.524	0.557	-6.3	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.437	-6.8	95	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.803	-4.8	100	0.00
51 T	2-Hexanone	0.589	0.620	-5.3	98	0.00
52 T	Tetrachloroethene	0.243	0.251	-3.3	93	0.00
53 T	Toluene	0.834	0.864	-3.6	95	0.00
54 T	1,2-Dibromoethane	0.341	0.359	-5.3	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.420	0.434	-3.3	99	0.00
57 T	Chlorobenzene	0.731	0.718	1.8	95	0.00
58 T	Ethyl Benzene	1.215	1.276	-5.0	96	0.00
59 T	m/p-Xylene	1.076	1.118	-3.9	98	0.00
60 T	o-Xylene	1.035	1.079	-4.3	98	0.00
61 T	Styrene	0.544	0.602	-10.7	94	0.00
62	Isopropylbenzene	1.486	1.507	-1.4	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.355	4.8	98	0.00
64	n-propylbenzene	0.368	0.376	-2.2	94	0.00
65	tert-Butylbenzene	1.292	1.313	-1.6	97	0.00
66 T	Benzyl Chloride	0.086	0.089	-3.5	96	0.00
67	sec-Butylbenzene	1.853	1.871	-1.0	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.847	-3.0	93	0.00
69	p-Isopropyltoluene	1.469	1.479	-0.7	96	0.00
70	n-Butylbenzene	1.594	1.608	-0.9	98	0.00
71	2-Chlorotoluene	1.137	1.151	-1.2	96	0.00
72 T	4-Ethyltoluene	1.145	1.207	-5.4	97	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.066	-0.1	96	0.00
74 T	1,2,4-Trimethylbenzene	1.170	1.175	-0.4	97	0.00
75 T	1,3-Dichlorobenzene	0.640	0.626	2.2	94	0.00
76 T	1,4-Dichlorobenzene	0.627	0.609	2.9	93	0.00
77 T	1,2-Dichlorobenzene	0.636	0.602	5.3	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.437	0.371	15.1	92	0.00
79 T	Naphthalene	0.657	0.734	-11.7	87	0.00
80 T	Naphthalene,2-methyl-	0.187	0.147	21.4	59	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.402	2.2	91	0.00

(#) = Out of Range

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