

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040923.D
 Acq On : 21 Dec 2023 9:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 22 00:03:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:32:42 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	-0.01
2 T	Dichlorodifluoromethane	1.905	1.785	6.3	97	-0.03
3	Chlorodifluoromethane	1.505	1.405	6.6	97	-0.03
4	Chloromethane	0.555	0.532	4.1	99	-0.03
5 T	Vinyl Chloride	0.536	0.540	-0.7	99	-0.03
6 T	Bromomethane	0.238	0.238	0.0	99	-0.03
7	Chloroethane	0.191	0.183	4.2	97	-0.02
8 T	Dichlorotetrafluoroethane	1.372	1.328	3.2	99	-0.03
9 T	Propene	0.497	0.483	2.8	96	-0.03
10 T	Heptane	1.234	1.222	1.0	97	0.00
11 T	Trichlorofluoromethane	1.489	1.430	4.0	97	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.156	1.056	8.7	99	-0.02
13	Ethanol	0.125	0.096	23.2	86	-0.02
14 T	Bromoethene	0.424	0.425	-0.2	100	-0.02
15 T	Acetone	1.199	0.995	17.0	97	-0.02
16 T	1,3-Butadiene	0.516	0.520	-0.8	99	-0.03
17	tert-Butyl alcohol	0.887	0.879	0.9	97	-0.02
18 T	1,1-Dichloroethene	0.477	0.465	2.5	101	-0.02
19 T	Isopropyl Alcohol	0.626	0.612	2.2	100	-0.02
20 T	Methylene Chloride	0.428	0.377	11.9	97	-0.02
21 T	Allyl Chloride	0.709	0.685	3.4	96	-0.02
22 T	trans-1,2-Dichloroethene	0.544	0.580	-6.6	98	-0.02
23 T	Vinyl Acetate	1.323	1.476	-11.6	98	-0.02
24 T	1,1-Dichloroethane	1.184	1.165	1.6	96	-0.02
25 T	Ethyl Acetate	2.078	2.092	-0.7	98	-0.01
26 T	Hexane	0.921	0.892	3.1	97	0.00
27 T	Carbon Disulfide	1.246	1.206	3.2	102	-0.02
28 T	Methyl tert-Butyl Ether	0.855	0.876	-2.5	98	-0.02
29 T	Chloroform	1.554	1.501	3.4	97	-0.01
30 T	Cyclohexane	0.768	0.765	0.4	97	0.00
31 T	cis-1,2-Dichloroethene	0.946	0.949	-0.3	97	-0.01
32 T	1,1,1-Trichloroethane	1.503	1.511	-0.5	99	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.529	0.517	2.3	96	-0.02
35 T	Carbon Tetrachloride	0.626	0.636	-1.6	98	0.00
36 T	Benzene	0.782	0.758	3.1	97	0.00
37 T	1,2-Dichloroethane	0.468	0.463	1.1	98	0.00
38 T	Trichloroethene	0.294	0.293	0.3	100	0.00
39 T	1,2-Dichloropropane	0.307	0.298	2.9	98	0.00
40 T	1,4-Dioxane	0.130	0.121	6.9	99	0.00
41 T	Tetrahydrofuran	0.322	0.320	0.6	98	0.00
42 T	Bromodichloromethane	0.676	0.672	0.6	99	0.00
43	Methyl Methacrylate	0.307	0.316	-2.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.328	1.243	6.4	97	0.00
45 T	t-1,3-Dichloropropene	0.227	0.260	-14.5	97	0.00
46 T	cis-1,3-Dichloropropene	0.282	0.301	-6.7	98	0.00
47 T	1,1,2-Trichloroethane	0.326	0.317	2.8	99	0.00
48 T	Dibromochloromethane	0.556	0.573	-3.1	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.429	0.454	-5.8	98	0.00
50 T	4-Methyl-2-Pentanone	0.801	0.801	0.0	98	0.00
51 T	2-Hexanone	0.577	0.596	-3.3	97	0.00
52 T	Tetrachloroethene	0.263	0.264	-0.4	98	0.00
53 T	Toluene	0.867	0.876	-1.0	99	0.00
54 T	1,2-Dibromoethane	0.447	0.471	-5.4	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.402	8.0	98	0.00
57 T	Chlorobenzene	0.736	0.670	9.0	99	0.00
58 T	Ethyl Benzene	1.284	1.177	8.3	98	0.00
59 T	m/p-Xylene	1.093	0.989	9.5	98	0.00
60 T	o-Xylene	1.029	0.939	8.7	98	0.00
61 T	Styrene	0.489	0.501	-2.5	99	0.00
62	Isopropylbenzene	1.527	1.377	9.8	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.742	0.688	7.3	99	0.00
64	n-propylbenzene	0.383	0.360	6.0	98	0.00
65	tert-Butylbenzene	1.298	1.206	7.1	99	0.00
66 T	Benzyl Chloride	0.089	0.105	-18.0	101	0.00
67	sec-Butylbenzene	1.886	1.702	9.8	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.695	5.7	94	0.00
69	p-Isopropyltoluene	1.466	1.384	5.6	99	0.00
70	n-Butylbenzene	1.522	1.456	4.3	99	0.00
71	2-Chlorotoluene	1.176	1.077	8.4	98	0.00
72 T	4-Ethyltoluene	1.130	1.080	4.4	97	0.00
73 T	1,3,5-Trimethylbenzene	0.975	0.933	4.3	98	0.00
74 T	1,2,4-Trimethylbenzene	1.085	1.026	5.4	98	0.00
75 T	1,3-Dichlorobenzene	0.620	0.590	4.8	99	0.00
76 T	1,4-Dichlorobenzene	0.606	0.574	5.3	99	0.00
77 T	1,2-Dichlorobenzene	0.597	0.562	5.9	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.367	0.310	15.5	101	0.00
79 T	Naphthalene	0.523	0.675	-29.1	104	0.00
80 T	Naphthalene,2-methyl-	0.096	0.113	-17.7	110	0.00
81 T	1,2,4-Trichlorobenzene	0.300	0.337	-12.3	101	0.00

(#) = Out of Range

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