

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040832.D
 Acq On : 9 Nov 2023 11:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 10 04:51:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 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	88	0.01
2 T	Dichlorodifluoromethane	1.761	2.000	-13.6	106	0.00
3	Chlorodifluoromethane	1.470	1.583	-7.7	101	0.00
4	Chloromethane	0.580	0.583	-0.5	93	0.00
5 T	Vinyl Chloride	0.600	0.609	-1.5	96	0.00
6 T	Bromomethane	0.248	0.264	-6.5	97	0.00
7	Chloroethane	0.195	0.205	-5.1	93	0.00
8 T	Dichlorotetrafluoroethane	1.335	1.402	-5.0	96	0.00
9 T	Propene	0.546	0.551	-0.9	93	0.00
10 T	Heptane	1.371	1.370	0.1	94	0.00
11 T	Trichlorofluoromethane	1.359	1.558	-14.6	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.969	1.102	-13.7	103	0.00
13	Ethanol	0.123	0.112	8.9	89	0.00
14 T	Bromoethene	0.415	0.459	-10.6	97	0.00
15 T	Acetone	1.034	1.098	-6.2	102	0.00
16 T	1,3-Butadiene	0.542	0.589	-8.7	94	0.00
17	tert-Butyl alcohol	1.060	0.911	14.1	71	0.00
18 T	1,1-Dichloroethene	0.434	0.468	-7.8	98	0.00
19 T	Isopropyl Alcohol	0.665	0.683	-2.7	89	0.00
20 T	Methylene Chloride	0.431	0.406	5.8	102	0.00
21 T	Allyl Chloride	0.682	0.755	-10.7	95	0.00
22 T	trans-1,2-Dichloroethene	0.462	0.636	-37.7#	124	0.00
23 T	Vinyl Acetate	1.317	1.615	-22.6	113	0.00
24 T	1,1-Dichloroethane	0.994	1.327	-33.5#	124	0.00
25 T	Ethyl Acetate	2.265	2.351	-3.8	97	0.00
26 T	Hexane	1.035	1.010	2.4	94	0.01
27 T	Carbon Disulfide	1.142	1.268	-11.0	98	0.00
28 T	Methyl tert-Butyl Ether	0.805	0.958	-19.0	109	0.00
29 T	Chloroform	1.498	1.686	-12.6	106	0.00
30 T	Cyclohexane	0.881	0.855	3.0	90	0.02
31 T	cis-1,2-Dichloroethene	0.954	1.060	-11.1	101	0.00
32 T	1,1,1-Trichloroethane	1.594	1.686	-5.8	102	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.01
34 T	2-Butanone	0.453	0.606	-33.8#	125	0.00
35 T	Carbon Tetrachloride	0.561	0.716	-27.6	104	0.00
36 T	Benzene	0.769	0.871	-13.3	93	0.01
37 T	1,2-Dichloroethane	0.394	0.532	-35.0#	107	0.00
38 T	Trichloroethene	0.340	0.340	0.0	93	0.02
39 T	1,2-Dichloropropane	0.301	0.340	-13.0	92	0.01
40 T	1,4-Dioxane	0.114	0.135	-18.4	95	0.00
41 T	Tetrahydrofuran	0.313	0.367	-17.3	92	0.00
42 T	Bromodichloromethane	0.590	0.758	-28.5	103	0.01
43	Methyl Methacrylate	0.308	0.361	-17.2	93	0.01
44 T	2,2,4-Trimethylpentane	1.301	1.440	-10.7	93	0.01
45 T	t-1,3-Dichloropropene	0.246	0.313	-27.2	92	0.00
46 T	cis-1,3-Dichloropropene	0.300	0.367	-22.3	94	0.02
47 T	1,1,2-Trichloroethane	0.316	0.365	-15.5	95	0.02
48 T	Dibromochloromethane	0.529	0.647	-22.3	96	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.514	-19.5	89	0.02
50 T	4-Methyl-2-Pentanone	0.774	0.921	-19.0	96	0.01
51 T	2-Hexanone	0.589	0.687	-16.6	92	0.02
52 T	Tetrachloroethene	0.312	0.301	3.5	85	0.02
53 T	Toluene	0.915	0.997	-9.0	92	0.02
54 T	1,2-Dibromoethane	0.443	0.538	-21.4	96	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.02
56	1,1,1,2-Tetrachloroethane	0.408	0.486	-19.1	94	0.02
57 T	Chlorobenzene	0.716	0.821	-14.7	93	0.02
58 T	Ethyl Benzene	1.259	1.443	-14.6	93	0.02
59 T	m/p-Xylene	1.036	1.212	-17.0	96	0.02
60 T	o-Xylene	0.987	1.152	-16.7	95	0.02
61 T	Styrene	0.547	0.617	-12.8	87	0.02
62	Isopropylbenzene	1.519	1.692	-11.4	92	0.02
63 T	1,1,2,2-Tetrachloroethane	0.740	0.841	-13.6	99	0.02
64	n-propylbenzene	0.408	0.448	-9.8	88	0.02
65	tert-Butylbenzene	1.370	1.490	-8.8	92	0.02
66 T	Benzyl Chloride	0.138	0.116	15.9	53	0.02
67	sec-Butylbenzene	1.876	2.096	-11.7	93	0.02
68 S	1-Bromo-4-Fluorobenzene	0.736	0.716	2.7	74	0.02
69	p-Isopropyltoluene	1.572	1.712	-8.9	90	0.02
70	n-Butylbenzene	1.543	1.836	-19.0	97	0.02
71	2-Chlorotoluene	1.141	1.325	-16.1	95	0.02
72 T	4-Ethyltoluene	1.156	1.340	-15.9	90	0.02
73 T	1,3,5-Trimethylbenzene	1.018	1.167	-14.6	92	0.02
74 T	1,2,4-Trimethylbenzene	1.112	1.264	-13.7	93	0.02
75 T	1,3-Dichlorobenzene	0.692	0.743	-7.4	86	0.02
76 T	1,4-Dichlorobenzene	0.685	0.733	-7.0	86	0.02
77 T	1,2-Dichlorobenzene	0.679	0.716	-5.4	86	0.02
78 T	Hexachloro-1,3-Butadiene	0.486	0.438	9.9	82	0.03
79 T	Naphthalene	0.904	1.026	-13.5	82	0.03
80 T	Naphthalene,2-methyl-	0.254	0.248	2.4	59	0.02
81 T	1,2,4-Trichlorobenzene	0.491	0.519	-5.7	82	0.02

(#) = Out of Range

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