

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040888.D
 Acq On : 17 Nov 2023 9:58
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 20 03:50:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 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	82	0.00
2 T	Dichlorodifluoromethane	2.027	1.948	3.9	89	0.00
3	Chlorodifluoromethane	1.597	1.568	1.8	91	0.00
4	Chloromethane	0.574	0.565	1.6	90	0.00
5 T	Vinyl Chloride	0.571	0.596	-4.4	92	0.00
6 T	Bromomethane	0.218	0.215	1.4	89	0.00
7	Chloroethane	0.198	0.199	-0.5	89	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.440	1.6	90	0.00
9 T	Propene	0.538	0.528	1.9	89	0.00
10 T	Heptane	1.324	1.316	0.6	88	0.00
11 T	Trichlorofluoromethane	1.558	1.529	1.9	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.092	1.4	89	0.00
13	Ethanol	0.104	0.096	7.7	91	0.00
14 T	Bromoethene	0.445	0.457	-2.7	89	0.00
15 T	Acetone	1.065	1.024	3.8	91	0.00
16 T	1,3-Butadiene	0.539	0.578	-7.2	92	0.00
17	tert-Butyl alcohol	0.911	0.922	-1.2	95	0.00
18 T	1,1-Dichloroethene	0.493	0.465	5.7	86	0.00
19 T	Isopropyl Alcohol	0.641	0.670	-4.5	95	0.00
20 T	Methylene Chloride	0.440	0.506	-15.0	117	0.00
21 T	Allyl Chloride	0.682	0.702	-2.9	90	0.00
22 T	trans-1,2-Dichloroethene	0.560	0.597	-6.6	96	0.00
23 T	Vinyl Acetate	1.375	1.502	-9.2	89	0.00
24 T	1,1-Dichloroethane	1.226	1.267	-3.3	89	0.00
25 T	Ethyl Acetate	2.205	2.280	-3.4	91	0.00
26 T	Hexane	0.976	1.004	-2.9	93	0.00
27 T	Carbon Disulfide	1.238	1.251	-1.1	88	0.00
28 T	Methyl tert-Butyl Ether	0.883	0.915	-3.6	88	0.00
29 T	Chloroform	1.654	1.626	1.7	88	0.00
30 T	Cyclohexane	0.840	0.804	4.3	85	0.00
31 T	cis-1,2-Dichloroethene	0.966	1.008	-4.3	87	0.00
32 T	1,1,1-Trichloroethane	1.543	1.638	-6.2	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
34 T	2-Butanone	0.509	0.585	-14.9	90	0.00
35 T	Carbon Tetrachloride	0.614	0.711	-15.8	90	0.00
36 T	Benzene	0.812	0.837	-3.1	87	0.00
37 T	1,2-Dichloroethane	0.479	0.528	-10.2	91	0.00
38 T	Trichloroethene	0.315	0.315	0.0	86	0.00
39 T	1,2-Dichloropropane	0.322	0.331	-2.8	87	0.00
40 T	1,4-Dioxane	0.128	0.132	-3.1	95	0.00
41 T	Tetrahydrofuran	0.314	0.353	-12.4	89	0.00
42 T	Bromodichloromethane	0.685	0.759	-10.8	90	0.00
43	Methyl Methacrylate	0.309	0.352	-13.9	89	0.00
44 T	2,2,4-Trimethylpentane	1.348	1.402	-4.0	88	0.00
45 T	t-1,3-Dichloropropene	0.182	0.233	-28.0	92	0.00
46 T	cis-1,3-Dichloropropene	0.236	0.280	-18.6	88	0.00
47 T	1,1,2-Trichloroethane	0.337	0.350	-3.9	87	0.00
48 T	Dibromochloromethane	0.559	0.622	-11.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.500	-18.8	90	0.00
50 T	4-Methyl-2-Pentanone	0.788	0.901	-14.3	90	0.00
51 T	2-Hexanone	0.556	0.660	-18.7	89	0.00
52 T	Tetrachloroethene	0.273	0.282	-3.3	85	0.00
53 T	Toluene	0.893	0.947	-6.0	86	0.00
54 T	1,2-Dibromoethane	0.434	0.482	-11.1	87	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.441	-3.0	88	0.00
57 T	Chlorobenzene	0.741	0.724	2.3	87	0.00
58 T	Ethyl Benzene	1.305	1.287	1.4	87	0.00
59 T	m/p-Xylene	1.111	1.103	0.7	89	0.00
60 T	o-Xylene	1.058	1.053	0.5	90	0.00
61 T	Styrene	0.510	0.534	-4.7	87	0.00
62	Isopropylbenzene	1.563	1.515	3.1	87	0.00
63 T	1,1,2,2-Tetrachloroethane	0.750	0.757	-0.9	89	0.00
64	n-propylbenzene	0.392	0.387	1.3	86	0.00
65	tert-Butylbenzene	1.318	1.308	0.8	88	0.00
66 T	Benzyl Chloride	0.049	0.057	-16.3	94	0.00
67	sec-Butylbenzene	1.882	1.859	1.2	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.783	0.765	2.3	79	0.00
69	p-Isopropyltoluene	1.501	1.484	1.1	87	0.00
70	n-Butylbenzene	1.585	1.586	-0.1	89	0.00
71	2-Chlorotoluene	1.191	1.185	0.5	88	0.00
72 T	4-Ethyltoluene	1.163	1.192	-2.5	88	0.00
73 T	1,3,5-Trimethylbenzene	1.028	1.028	0.0	88	0.00
74 T	1,2,4-Trimethylbenzene	1.148	1.124	2.1	89	0.00
75 T	1,3-Dichlorobenzene	0.634	0.632	0.3	89	0.00
76 T	1,4-Dichlorobenzene	0.607	0.616	-1.5	87	0.00
77 T	1,2-Dichlorobenzene	0.616	0.606	1.6	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.386	0.341	11.7	87	0.00
79 T	Naphthalene	0.590	0.734	-24.4	90	0.00
80 T	Naphthalene,2-methyl-	0.104	0.111	-6.7	77	0.00
81 T	1,2,4-Trichlorobenzene	0.359	0.371	-3.3	86	0.00

(#) = Out of Range

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