

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041117.D
 Acq On : 15 Mar 2024 9:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 16 02:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 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	87	0.00
2 T	Dichlorodifluoromethane	1.906	1.644	13.7	80	0.00
3	Chlorodifluoromethane	1.469	1.516	-3.2	96	0.00
4	Chloromethane	0.556	0.576	-3.6	99	0.00
5 T	Vinyl Chloride	0.566	0.601	-6.2	97	0.00
6 T	Bromomethane	0.224	0.241	-7.6	94	0.00
7	Chloroethane	0.196	0.211	-7.7	97	0.00
8 T	Dichlorotetrafluoroethane	1.384	1.454	-5.1	98	0.00
9 T	Propene	0.489	0.510	-4.3	96	0.00
10 T	Heptane	1.170	1.259	-7.6	95	0.00
11 T	Trichlorofluoromethane	1.469	1.526	-3.9	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.080	0.0	91	0.00
13	Ethanol	0.130	0.112	13.8	91	0.00
14 T	Bromoethene	0.421	0.453	-7.6	97	0.00
15 T	Acetone	1.139	1.054	7.5	98	0.00
16 T	1,3-Butadiene	0.517	0.567	-9.7	98	0.00
17	tert-Butyl alcohol	0.844	1.031	-22.2	113	0.00
18 T	1,1-Dichloroethene	0.472	0.479	-1.5	92	0.00
19 T	Isopropyl Alcohol	0.609	0.743	-22.0	111	0.00
20 T	Methylene Chloride	0.444	0.400	9.9	91	0.00
21 T	Allyl Chloride	0.643	0.693	-7.8	97	0.00
22 T	trans-1,2-Dichloroethene	0.550	0.489	11.1	77	0.00
23 T	Vinyl Acetate	1.289	1.198	7.1	78	0.00
24 T	1,1-Dichloroethane	1.165	0.987	15.3	75	0.00
25 T	Ethyl Acetate	2.053	2.136	-4.0	95	0.00
26 T	Hexane	0.917	0.914	0.3	92	0.00
27 T	Carbon Disulfide	1.100	1.174	-6.7	90	0.00
28 T	Methyl tert-Butyl Ether	0.811	0.680	16.2	75	0.00
29 T	Chloroform	1.562	1.573	-0.7	92	0.00
30 T	Cyclohexane	0.760	0.779	-2.5	94	0.00
31 T	cis-1,2-Dichloroethene	0.893	0.925	-3.6	91	0.00
32 T	1,1,1-Trichloroethane	1.415	1.531	-8.2	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.495	0.433	12.5	77	0.00
35 T	Carbon Tetrachloride	0.584	0.641	-9.8	92	0.00
36 T	Benzene	0.744	0.778	-4.6	94	0.00
37 T	1,2-Dichloroethane	0.448	0.465	-3.8	93	0.00
38 T	Trichloroethene	0.270	0.305	-13.0	94	0.00
39 T	1,2-Dichloropropane	0.298	0.302	-1.3	93	0.00
40 T	1,4-Dioxane	0.117	0.118	-0.9	90	0.00
41 T	Tetrahydrofuran	0.295	0.309	-4.7	91	0.00
42 T	Bromodichloromethane	0.642	0.680	-5.9	93	0.00
43	Methyl Methacrylate	0.288	0.324	-12.5	94	0.00
44 T	2,2,4-Trimethylpentane	1.243	1.291	-3.9	94	0.00
45 T	t-1,3-Dichloropropene	0.198	0.241	-21.7	93	0.00
46 T	cis-1,3-Dichloropropene	0.249	0.288	-15.7	93	0.00
47 T	1,1,2-Trichloroethane	0.318	0.334	-5.0	94	0.00
48 T	Dibromochloromethane	0.518	0.572	-10.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.412	0.473	-14.8	92	0.00
50 T	4-Methyl-2-Pentanone	0.730	0.817	-11.9	95	0.00
51 T	2-Hexanone	0.535	0.591	-10.5	94	0.00
52 T	Tetrachloroethene	0.231	0.266	-15.2	93	0.00
53 T	Toluene	0.802	0.894	-11.5	94	0.00
54 T	1,2-Dibromoethane	0.408	0.472	-15.7	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.454	-6.1	92	0.00
57 T	Chlorobenzene	0.705	0.763	-8.2	94	0.00
58 T	Ethyl Benzene	1.171	1.332	-13.7	94	0.00
59 T	m/p-Xylene	1.028	1.142	-11.1	94	0.00
60 T	o-Xylene	0.976	1.097	-12.4	94	0.00
61 T	Styrene	0.441	0.559	-26.8	93	0.00
62	Isopropylbenzene	1.450	1.610	-11.0	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.733	0.836	-14.1	95	0.00
64	n-propylbenzene	0.365	0.418	-14.5	96	0.00
65	tert-Butylbenzene	1.260	1.421	-12.8	97	0.00
66 T	Benzyl Chloride	0.085	0.111	-30.6#	99	0.00
67	sec-Butylbenzene	1.812	2.027	-11.9	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.782	0.834	-6.6	89	0.00
69	p-Isopropyltoluene	1.414	1.636	-15.7	97	0.00
70	n-Butylbenzene	1.528	1.767	-15.6	96	0.00
71	2-Chlorotoluene	1.109	1.252	-12.9	94	0.00
72 T	4-Ethyltoluene	1.074	1.279	-19.1	95	0.00
73 T	1,3,5-Trimethylbenzene	0.951	1.105	-16.2	96	0.00
74 T	1,2,4-Trimethylbenzene	1.086	1.226	-12.9	97	0.00
75 T	1,3-Dichlorobenzene	0.620	0.715	-15.3	96	0.00
76 T	1,4-Dichlorobenzene	0.625	0.691	-10.6	95	0.00
77 T	1,2-Dichlorobenzene	0.606	0.693	-14.4	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.427	0.413	3.3	96	0.00
79 T	Naphthalene	0.629	1.001	-59.1#	109	0.00
80 T	Naphthalene,2-methyl-	0.101	0.213	-110.9#	148	0.00
81 T	1,2,4-Trichlorobenzene	0.362	0.483	-33.4#	106	0.00

(#) = Out of Range

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