

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041658.D
 Acq On : 11 Oct 2024 1:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 11 05:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 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	90	0.00
2 T	Dichlorodifluoromethane	1.444	1.049	27.4	72	0.00
3	Chlorodifluoromethane	1.213	1.161	4.3	95	0.00
4	Chloromethane	0.667	0.648	2.8	96	0.00
5 T	Vinyl Chloride	0.578	0.613	-6.1	94	0.00
6 T	Bromomethane	0.287	0.240	16.4	79	0.00
7	Chloroethane	0.225	0.221	1.8	93	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.492	1.5	95	0.00
9 T	Propene	0.512	0.528	-3.1	93	0.00
10 T	Heptane	1.198	1.335	-11.4	95	0.00
11 T	Trichlorofluoromethane	1.537	1.496	2.7	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.109	0.4	96	0.00
13	Ethanol	0.038	0.022#	42.1#	85	0.00
14 T	Bromoethene	0.422	0.435	-3.1	93	0.00
15 T	Acetone	1.255	1.089	13.2	96	0.00
16 T	1,3-Butadiene	0.611	0.624	-2.1	97	0.00
17	tert-Butyl alcohol	1.104	1.016	8.0	84	0.00
18 T	1,1-Dichloroethene	0.471	0.479	-1.7	91	0.00
19 T	Isopropyl Alcohol	0.643	0.559	13.1	81	0.00
20 T	Methylene Chloride	0.472	0.389	17.6	90	0.00
21 T	Allyl Chloride	0.728	0.733	-0.7	90	0.00
22 T	trans-1,2-Dichloroethene	0.470	0.466	0.9	91	0.00
23 T	Vinyl Acetate	0.691	0.770	-11.4	101	0.00
24 T	1,1-Dichloroethane	1.036	1.077	-4.0	98	0.00
25 T	Ethyl Acetate	2.254	2.368	-5.1	93	0.00
26 T	Hexane	0.940	0.986	-4.9	96	0.00
27 T	Carbon Disulfide	0.999	1.141	-14.2	93	0.00
28 T	Methyl tert-Butyl Ether	0.579	0.580	-0.2	94	0.00
29 T	Chloroform	1.538	1.538	0.0	95	0.00
30 T	Cyclohexane	0.725	0.824	-13.7	95	0.00
31 T	cis-1,2-Dichloroethene	0.892	0.921	-3.3	92	0.00
32 T	1,1,1-Trichloroethane	1.370	1.502	-9.6	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.477	0.437	8.4	84	0.00
35 T	Carbon Tetrachloride	0.491	0.567	-15.5	94	0.00
36 T	Benzene	0.694	0.749	-7.9	95	0.00
37 T	1,2-Dichloroethane	0.403	0.413	-2.5	94	0.00
38 T	Trichloroethene	0.358	0.385	-7.5	92	0.01
39 T	1,2-Dichloropropane	0.283	0.292	-3.2	96	0.00
40 T	1,4-Dioxane	0.107	0.115	-7.5	91	0.00
41 T	Tetrahydrofuran	0.262	0.294	-12.2	92	0.00
42 T	Bromodichloromethane	0.561	0.599	-6.8	94	0.00
43	Methyl Methacrylate	0.249	0.287	-15.3	92	0.01
44 T	2,2,4-Trimethylpentane	1.202	1.284	-6.8	96	0.00
45 T	t-1,3-Dichloropropene	0.200	0.213	-6.5	78	0.01
46 T	cis-1,3-Dichloropropene	0.294	0.317	-7.8	81	0.00
47 T	1,1,2-Trichloroethane	0.300	0.310	-3.3	94	0.01
48 T	Dibromochloromethane	0.455	0.507	-11.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.438	-12.3	91	0.01
50 T	4-Methyl-2-Pentanone	0.736	0.849	-15.4	97	0.00
51 T	2-Hexanone	0.557	0.662	-18.9	95	0.01
52 T	Tetrachloroethene	0.251	0.276	-10.0	93	0.01
53 T	Toluene	0.737	0.866	-17.5	94	0.00
54 T	1,2-Dibromoethane	0.369	0.410	-11.1	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.390	0.379	2.8	95	0.00
57 T	Chlorobenzene	0.721	0.677	6.1	93	0.01
58 T	Ethyl Benzene	1.070	1.165	-8.9	94	0.01
59 T	m/p-Xylene	0.953	0.997	-4.6	95	0.01
60 T	o-Xylene	0.913	0.966	-5.8	95	0.02
61 T	Styrene	0.382	0.453	-18.6	91	0.02
62	Isopropylbenzene	1.384	1.402	-1.3	95	0.01
63 T	1,1,2,2-Tetrachloroethane	0.467	0.510	-9.2	106	0.01
64	n-propylbenzene	0.357	0.377	-5.6	95	0.00
65	tert-Butylbenzene	1.269	1.258	0.9	95	0.01
66 T	Benzyl Chloride	0.066	0.068	-3.0	96	0.01
67	sec-Butylbenzene	1.760	1.770	-0.6	95	0.01
68 S	1-Bromo-4-Fluorobenzene	0.736	0.735	0.1	93	0.01
69	p-Isopropyltoluene	1.425	1.470	-3.2	94	0.00
70	n-Butylbenzene	1.492	1.511	-1.3	94	0.01
71	2-Chlorotoluene	1.018	1.049	-3.0	95	0.01
72 T	4-Ethyltoluene	1.068	1.155	-8.1	95	0.01
73 T	1,3,5-Trimethylbenzene	0.943	0.984	-4.3	94	0.01
74 T	1,2,4-Trimethylbenzene	1.104	1.099	0.5	95	0.00
75 T	1,3-Dichlorobenzene	0.692	0.659	4.8	92	0.01
76 T	1,4-Dichlorobenzene	0.663	0.647	2.4	92	0.00
77 T	1,2-Dichlorobenzene	0.683	0.642	6.0	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.563	0.444	21.1	85	0.00
79 T	Naphthalene	0.812	0.847	-4.3	78	0.02
80 T	Naphthalene,2-methyl-	0.569	0.285	49.9#	36	0.00
81 T	1,2,4-Trichlorobenzene	0.516	0.449	13.0	78	0.01

(#) = Out of Range

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