

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041620.D
 Acq On : 25 Sep 2024 12:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 26 01:16:57 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	95	0.00
2 T	Dichlorodifluoromethane	1.444	1.167	19.2	85	0.00
3	Chlorodifluoromethane	1.213	1.166	3.9	100	0.00
4	Chloromethane	0.667	0.654	1.9	102	0.00
5 T	Vinyl Chloride	0.578	0.625	-8.1	101	0.00
6 T	Bromomethane	0.287	0.283	1.4	98	0.00
7	Chloroethane	0.225	0.224	0.4	100	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.491	1.6	100	0.00
9 T	Propene	0.512	0.539	-5.3	100	0.00
10 T	Heptane	1.198	1.350	-12.7	101	0.00
11 T	Trichlorofluoromethane	1.537	1.489	3.1	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.083	2.7	99	0.00
13	Ethanol	0.038	0.020#	47.4#	81	0.00
14 T	Bromoethene	0.422	0.432	-2.4	97	0.00
15 T	Acetone	1.255	1.114	11.2	103	0.00
16 T	1,3-Butadiene	0.611	0.615	-0.7	101	0.00
17	tert-Butyl alcohol	1.104	1.114	-0.9	97	0.00
18 T	1,1-Dichloroethene	0.471	0.486	-3.2	97	0.00
19 T	Isopropyl Alcohol	0.643	0.621	3.4	94	0.00
20 T	Methylene Chloride	0.472	0.404	14.4	99	0.00
21 T	Allyl Chloride	0.728	0.760	-4.4	99	0.00
22 T	trans-1,2-Dichloroethene	0.470	0.484	-3.0	100	0.00
23 T	Vinyl Acetate	0.691	0.773	-11.9	106	0.00
24 T	1,1-Dichloroethane	1.036	1.055	-1.8	101	0.00
25 T	Ethyl Acetate	2.254	2.423	-7.5	101	0.00
26 T	Hexane	0.940	0.972	-3.4	100	0.00
27 T	Carbon Disulfide	0.999	1.161	-16.2	100	0.00
28 T	Methyl tert-Butyl Ether	0.579	0.592	-2.2	101	0.00
29 T	Chloroform	1.538	1.546	-0.5	101	0.00
30 T	Cyclohexane	0.725	0.835	-15.2	101	0.00
31 T	cis-1,2-Dichloroethene	0.892	0.955	-7.1	101	0.00
32 T	1,1,1-Trichloroethane	1.370	1.514	-10.5	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.477	0.483	-1.3	97	0.00
35 T	Carbon Tetrachloride	0.491	0.576	-17.3	100	0.00
36 T	Benzene	0.694	0.762	-9.8	101	0.00
37 T	1,2-Dichloroethane	0.403	0.425	-5.5	100	0.00
38 T	Trichloroethene	0.358	0.400	-11.7	100	0.00
39 T	1,2-Dichloropropane	0.283	0.296	-4.6	102	0.00
40 T	1,4-Dioxane	0.107	0.111	-3.7	92	0.00
41 T	Tetrahydrofuran	0.262	0.313	-19.5	102	0.00
42 T	Bromodichloromethane	0.561	0.610	-8.7	100	0.00
43	Methyl Methacrylate	0.249	0.304	-22.1	102	0.00
44 T	2,2,4-Trimethylpentane	1.202	1.295	-7.7	101	0.00
45 T	t-1,3-Dichloropropene	0.200	0.265	-32.5#	101	0.00
46 T	cis-1,3-Dichloropropene	0.294	0.375	-27.6	100	0.00
47 T	1,1,2-Trichloroethane	0.300	0.316	-5.3	100	0.00
48 T	Dibromochloromethane	0.455	0.524	-15.2	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.461	-18.2	100	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.853	-15.9	101	0.00
51 T	2-Hexanone	0.557	0.671	-20.5	100	0.00
52 T	Tetrachloroethene	0.251	0.285	-13.5	100	0.00
53 T	Toluene	0.737	0.887	-20.4	100	0.00
54 T	1,2-Dibromoethane	0.369	0.433	-17.3	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.390	0.399	-2.3	101	0.00
57 T	Chlorobenzene	0.721	0.718	0.4	100	0.00
58 T	Ethyl Benzene	1.070	1.229	-14.9	100	0.00
59 T	m/p-Xylene	0.953	1.048	-10.0	101	0.00
60 T	o-Xylene	0.913	1.016	-11.3	101	0.01
61 T	Styrene	0.382	0.487	-27.5	99	0.00
62	Isopropylbenzene	1.384	1.468	-6.1	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.467	0.482	-3.2	101	0.01
64	n-propylbenzene	0.357	0.396	-10.9	101	0.00
65	tert-Butylbenzene	1.269	1.313	-3.5	100	0.00
66 T	Benzyl Chloride	0.066	0.072	-9.1	103	0.01
67	sec-Butylbenzene	1.760	1.853	-5.3	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.736	0.728	1.1	93	0.01
69	p-Isopropyltoluene	1.425	1.548	-8.6	100	0.00
70	n-Butylbenzene	1.492	1.592	-6.7	100	0.00
71	2-Chlorotoluene	1.018	1.107	-8.7	101	0.00
72 T	4-Ethyltoluene	1.068	1.210	-13.3	100	0.00
73 T	1,3,5-Trimethylbenzene	0.943	1.034	-9.7	100	0.00
74 T	1,2,4-Trimethylbenzene	1.104	1.150	-4.2	100	0.00
75 T	1,3-Dichlorobenzene	0.692	0.703	-1.6	99	0.00
76 T	1,4-Dichlorobenzene	0.663	0.686	-3.5	99	0.00
77 T	1,2-Dichlorobenzene	0.683	0.686	-0.4	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.563	0.476	15.5	93	0.00
79 T	Naphthalene	0.812	0.959	-18.1	89	0.00
80 T	Naphthalene,2-methyl-	0.569	0.383	32.7#	49	0.01
81 T	1,2,4-Trichlorobenzene	0.516	0.502	2.7	88	0.00

(#) = Out of Range

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