

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041618.D
 Acq On : 18 Sep 2024 22:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 03:41:22 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	100	0.03
2 T	Dichlorodifluoromethane	1.444	1.397	3.3	106	0.04
3	Chlorodifluoromethane	1.213	1.159	4.5	105	0.04
4	Chloromethane	0.667	0.644	3.4	105	0.04
5 T	Vinyl Chloride	0.578	0.591	-2.2	101	0.04
6 T	Bromomethane	0.287	0.234	18.5	85	0.04
7	Chloroethane	0.225	0.216	4.0	101	0.04
8 T	Dichlorotetrafluoroethane	1.515	1.425	5.9	100	0.04
9 T	Propene	0.512	0.559	-9.2	109	0.04
10 T	Heptane	1.198	1.296	-8.2	102	0.03
11 T	Trichlorofluoromethane	1.537	1.409	8.3	99	0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.033	7.2	99	0.04
13	Ethanol	0.038	0.023#	39.5#	98	0.04
14 T	Bromoethene	0.422	0.427	-1.2	101	0.04
15 T	Acetone	1.255	1.056	15.9	103	0.04
16 T	1,3-Butadiene	0.611	0.622	-1.8	107	0.04
17	tert-Butyl alcohol	1.104	1.128	-2.2	103	0.04
18 T	1,1-Dichloroethene	0.471	0.468	0.6	98	0.04
19 T	Isopropyl Alcohol	0.643	0.585	9.0	93	0.04
20 T	Methylene Chloride	0.472	0.386	18.2	99	0.04
21 T	Allyl Chloride	0.728	0.740	-1.6	101	0.04
22 T	trans-1,2-Dichloroethene	0.470	0.463	1.5	100	0.04
23 T	Vinyl Acetate	0.691	0.832	-20.4	120	0.03
24 T	1,1-Dichloroethane	1.036	0.999	3.6	101	0.03
25 T	Ethyl Acetate	2.254	2.347	-4.1	103	0.03
26 T	Hexane	0.940	0.977	-3.9	105	0.03
27 T	Carbon Disulfide	0.999	1.065	-6.6	96	0.04
28 T	Methyl tert-Butyl Ether	0.579	0.596	-2.9	107	0.04
29 T	Chloroform	1.538	1.459	5.1	100	0.03
30 T	Cyclohexane	0.725	0.824	-13.7	105	0.03
31 T	cis-1,2-Dichloroethene	0.892	0.937	-5.0	104	0.03
32 T	1,1,1-Trichloroethane	1.370	1.421	-3.7	99	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.03
34 T	2-Butanone	0.477	0.513	-7.5	105	0.03
35 T	Carbon Tetrachloride	0.491	0.546	-11.2	97	0.03
36 T	Benzene	0.694	0.753	-8.5	102	0.03
37 T	1,2-Dichloroethane	0.403	0.409	-1.5	99	0.03
38 T	Trichloroethene	0.358	0.367	-2.5	94	0.03
39 T	1,2-Dichloropropane	0.283	0.295	-4.2	103	0.03
40 T	1,4-Dioxane	0.107	0.085	20.6	72	0.03
41 T	Tetrahydrofuran	0.262	0.314	-19.8	105	0.03
42 T	Bromodichloromethane	0.561	0.582	-3.7	98	0.03
43	Methyl Methacrylate	0.249	0.300	-20.5	103	0.03
44 T	2,2,4-Trimethylpentane	1.202	1.277	-6.2	102	0.03
45 T	t-1,3-Dichloropropene	0.200	0.224	-12.0	87	0.03
46 T	cis-1,3-Dichloropropene	0.294	0.323	-9.9	88	0.03
47 T	1,1,2-Trichloroethane	0.300	0.304	-1.3	98	0.03
48 T	Dibromochloromethane	0.455	0.493	-8.4	96	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.421	-7.9	94	0.02
50 T	4-Methyl-2-Pentanone	0.736	0.856	-16.3	104	0.03
51 T	2-Hexanone	0.557	0.669	-20.1	102	0.03
52 T	Tetrachloroethene	0.251	0.275	-9.6	99	0.03
53 T	Toluene	0.737	0.860	-16.7	99	0.03
54 T	1,2-Dibromoethane	0.369	0.408	-10.6	96	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.02
56	1,1,1,2-Tetrachloroethane	0.390	0.372	4.6	97	0.02
57 T	Chlorobenzene	0.721	0.665	7.8	96	0.03
58 T	Ethyl Benzene	1.070	1.159	-8.3	98	0.02
59 T	m/p-Xylene	0.953	0.979	-2.7	97	0.03
60 T	o-Xylene	0.913	0.946	-3.6	97	0.03
61 T	Styrene	0.382	0.456	-19.4	96	0.03
62	Isopropylbenzene	1.384	1.376	0.6	97	0.02
63 T	1,1,2,2-Tetrachloroethane	0.467	0.491	-5.1	106	0.02
64	n-propylbenzene	0.357	0.368	-3.1	97	0.02
65	tert-Butylbenzene	1.269	1.228	3.2	96	0.02
66 T	Benzyl Chloride	0.066	0.064	3.0	93	0.02
67	sec-Butylbenzene	1.760	1.722	2.2	96	0.02
68 S	1-Bromo-4-Fluorobenzene	0.736	0.713	3.1	94	0.03
69	p-Isopropyltoluene	1.425	1.432	-0.5	95	0.02
70	n-Butylbenzene	1.492	1.474	1.2	96	0.02
71	2-Chlorotoluene	1.018	1.030	-1.2	97	0.02
72 T	4-Ethyltoluene	1.068	1.126	-5.4	96	0.02
73 T	1,3,5-Trimethylbenzene	0.943	0.964	-2.2	96	0.02
74 T	1,2,4-Trimethylbenzene	1.104	1.064	3.6	96	0.02
75 T	1,3-Dichlorobenzene	0.692	0.645	6.8	94	0.02
76 T	1,4-Dichlorobenzene	0.663	0.625	5.7	93	0.02
77 T	1,2-Dichlorobenzene	0.683	0.625	8.5	94	0.02
78 T	Hexachloro-1,3-Butadiene	0.563	0.460	18.3	92	0.02
79 T	Naphthalene	0.812	0.946	-16.5	91	0.02
80 T	Naphthalene,2-methyl-	0.569	0.577	-1.4	76	0.02
81 T	1,2,4-Trichlorobenzene	0.516	0.509	1.4	92	0.02

(#) = Out of Range

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