

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041340.D
 Acq On : 11 Jun 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 12 01:20:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 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	109	0.00
2 T	Dichlorodifluoromethane	1.597	1.406	12.0	107	0.00
3	Chlorodifluoromethane	1.580	1.543	2.3	119	0.00
4	Chloromethane	0.595	0.617	-3.7	124	0.00
5 T	Vinyl Chloride	0.599	0.623	-4.0	122	0.00
6 T	Bromomethane	0.213	0.217	-1.9	123	0.00
7	Chloroethane	0.206	0.213	-3.4	120	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.482	-0.9	121	0.00
9 T	Propene	0.563	0.537	4.6	116	0.00
10 T	Heptane	1.334	1.350	-1.2	117	0.00
11 T	Trichlorofluoromethane	1.468	1.485	-1.2	120	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.037	1.082	-4.3	122	0.00
13	Ethanol	0.146	0.115	21.2	102	0.00
14 T	Bromoethene	0.420	0.437	-4.0	118	0.00
15 T	Acetone	1.142	1.155	-1.1	124	0.00
16 T	1,3-Butadiene	0.574	0.629	-9.6	121	0.00
17	tert-Butyl alcohol	1.051	1.126	-7.1	118	0.00
18 T	1,1-Dichloroethene	0.442	0.488	-10.4	124	0.00
19 T	Isopropyl Alcohol	0.717	0.757	-5.6	111	0.00
20 T	Methylene Chloride	0.415	0.408	1.7	128	0.00
21 T	Allyl Chloride	0.723	0.774	-7.1	123	0.00
22 T	trans-1,2-Dichloroethene	0.461	0.499	-8.2	123	0.00
23 T	Vinyl Acetate	1.168	1.225	-4.9	112	0.00
24 T	1,1-Dichloroethane	1.027	1.074	-4.6	122	0.00
25 T	Ethyl Acetate	2.259	2.241	0.8	117	0.00
26 T	Hexane	1.016	0.968	4.7	116	0.00
27 T	Carbon Disulfide	1.125	1.321	-17.4	128	0.00
28 T	Methyl tert-Butyl Ether	0.753	0.765	-1.6	119	0.00
29 T	Chloroform	1.558	1.543	1.0	118	0.00
30 T	Cyclohexane	0.823	0.840	-2.1	120	0.00
31 T	cis-1,2-Dichloroethene	0.960	0.999	-4.1	118	0.00
32 T	1,1,1-Trichloroethane	1.476	1.524	-3.3	118	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
34 T	2-Butanone	0.479	0.463	3.3	111	0.00
35 T	Carbon Tetrachloride	0.568	0.611	-7.6	122	0.00
36 T	Benzene	0.775	0.776	-0.1	117	0.00
37 T	1,2-Dichloroethane	0.452	0.450	0.4	116	0.00
38 T	Trichloroethene	0.314	0.312	0.6	124	0.00
39 T	1,2-Dichloropropane	0.309	0.303	1.9	118	0.00
40 T	1,4-Dioxane	0.113	0.104	8.0	109	0.00
41 T	Tetrahydrofuran	0.312	0.323	-3.5	118	0.00
42 T	Bromodichloromethane	0.649	0.666	-2.6	118	0.00
43	Methyl Methacrylate	0.295	0.310	-5.1	114	0.00
44 T	2,2,4-Trimethylpentane	1.333	1.315	1.4	117	0.00
45 T	t-1,3-Dichloropropene	0.199	0.239	-20.1	119	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.290	-12.8	122	0.01
47 T	1,1,2-Trichloroethane	0.323	0.329	-1.9	119	0.01
48 T	Dibromochloromethane	0.532	0.579	-8.8	123	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.428	0.497	-16.1	128	0.00
50 T	4-Methyl-2-Pentanone	0.793	0.830	-4.7	118	0.00
51 T	2-Hexanone	0.564	0.594	-5.3	114	0.00
52 T	Tetrachloroethene	0.283	0.295	-4.2	124	0.01
53 T	Toluene	0.892	0.925	-3.7	119	0.00
54 T	1,2-Dibromoethane	0.420	0.454	-8.1	120	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.01
56	1,1,1,2-Tetrachloroethane	0.423	0.404	4.5	122	0.00
57 T	Chlorobenzene	0.743	0.685	7.8	122	0.00
58 T	Ethyl Benzene	1.282	1.196	6.7	119	0.01
59 T	m/p-Xylene	1.098	1.008	8.2	118	0.01
60 T	o-Xylene	1.047	0.960	8.3	120	0.01
61 T	Styrene	0.513	0.523	-1.9	120	0.01
62	Isopropylbenzene	1.583	1.449	8.5	120	0.02
63 T	1,1,2,2-Tetrachloroethane	0.745	0.684	8.2	119	0.00
64	n-propylbenzene	0.408	0.385	5.6	120	0.01
65	tert-Butylbenzene	1.408	1.288	8.5	121	0.01
66 T	Benzyl Chloride	0.093	0.098	-5.4	113	0.00
67	sec-Butylbenzene	1.989	1.801	9.5	119	0.01
68 S	1-Bromo-4-Fluorobenzene	0.772	0.722	6.5	113	0.00
69	p-Isopropyltoluene	1.639	1.516	7.5	121	0.01
70	n-Butylbenzene	1.700	1.563	8.1	119	0.02
71	2-Chlorotoluene	1.212	1.095	9.7	117	0.00
72 T	4-Ethyltoluene	1.220	1.157	5.2	119	0.00
73 T	1,3,5-Trimethylbenzene	1.059	1.012	4.4	120	0.02
74 T	1,2,4-Trimethylbenzene	1.197	1.111	7.2	121	0.00
75 T	1,3-Dichlorobenzene	0.703	0.682	3.0	123	0.01
76 T	1,4-Dichlorobenzene	0.702	0.671	4.4	125	0.02
77 T	1,2-Dichlorobenzene	0.704	0.661	6.1	123	0.01
78 T	Hexachloro-1,3-Butadiene	0.577	0.488	15.4	125	0.01
79 T	Naphthalene	1.039	1.177	-13.3	119	0.02
80 T	Naphthalene,2-methyl-	0.351	0.340	3.1	100	0.01
81 T	1,2,4-Trichlorobenzene	0.579	0.580	-0.2	124	0.02

(#) = Out of Range

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